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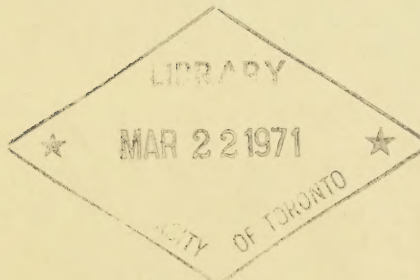
Catalogue No.
51-202
Annual

CIVIL AVIATION

1962

Page 8 - Table 1 - Canadian and Foreign Carriers

Miles flown (transportation services)	Col. 1	reads:	81,376,290
		should read:	104,851,093
Passengers carried (transportation services)	Col.1	reads:	5,569,984
		should read:	6,064,074
Cargo and Excess Baggage carried (transportation services)	Col.1	reads:	113,323,708
		should read:	218,487,619



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51-202

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Minister of Trade and Commerce

CANADA

6205

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

TRANSPORTATION & PUBLIC UTILITIES BRANCH

CIVIL AVIATION

2 Annuals

(IN

CANADA)

1945



OTTAWA
1946

Price 10 cents



DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

Dominion Statistician, HERBERT MARSHALL, O.B.E., B.A., F.S.S.

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

CIVIL AVIATION IN CANADA

20-1500

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The statistics in this report are collected from the operators of aircraft with commercial operators' licences with the exception of data on licences which are supplied by the Civil Aviation Division of the Department of Transport. That division has jurisdiction over the licensing of all airports, aircraft pilots and engineers and, consequently, the licensed aircraft and pilots also include private aircraft and pilots.

The commercial carriers have been divided into three classes: scheduled, non-scheduled and foreign. Scheduled carriers are those operating a scheduled service between designated points, although they may also operate some non-scheduled services. Non-scheduled carriers are those licensed to operate only non-scheduled services. Under foreign carriers are comprised the routes operated by United States companies between United States and Canadian airports. The international operations of Canadian carriers except Trans-Atlantic services are included in the data for scheduled carriers. Non-commercial carriers include provincial government forestry patrol services and the air operations of mining companies. All Canadian commercial carriers are under the jurisdiction of the Air Transport Board and are required to keep records and accounts in accordance with the Board's regulations.

The end of the war came too late in the year to allow any important revival of civil aviation to be reflected in the statistics in this report. However, the civilian flying clubs, restricted during the war, have started activities again and a slight increase in instructional flying time is reported for 1945, although the total is still only a small fraction of that reported for 1940.

Operators in the northern districts of Canada are engaged mainly in serving mines, trappers, prospectors, etc., the mines supplying the greater part of their traffic. Their aircraft are equipped with floats in the summer and skis in the winter and lakes serve as landing surfaces. Consequently there are periods each spring and fall when ice conditions make operation impossible. All flying under these conditions is daylight flying. These aircraft have carried all kinds of freight, including shipments of gold, horses and cattle, canoes, mining machinery, bundles of furs, dynamite, etc. They furnish the most economical transportation service to many northern mines and it is this traffic, coupled with construction of air bases in the north country during the war years, which accounts for the heavy freight traffic by air as compared with freight carried by aircraft in other countries.

Time and miles for foreign operators are only over Canadian territory. The time must necessarily be estimated but any error should be small. American companies report the gasoline and oil purchased in Canada only. This amount, together with that used by the Canadian operators, is the total consumption by civil aircraft exclusive of private and Dominion Government aircraft. Consumption by military aircraft is also not included. The international operations of Canadian carriers include complete data for their operation in the United States. In the monthly reports for 1945, the Canadian portion only was included, so that the totals of these will not correspond to that given in this report.

Excess baggage is included with freight. International mail includes both incoming and outgoing mail. Passengers carried by international operators include passengers in both directions, and for companies flying between United States points via Canada they include through passengers on board while flying over Canadian territory.

The number of revenue passengers carried during the year was 490,809, compared to 371,397 in 1944 and 282,886 in 1943. The increase over the previous year was 32 per cent, slightly bettering the percentage increase of 31 per cent in 1944. Revenue passenger miles totalled 153,504,833, compared

with 111,127,010 in 1944, an increase of 38 per cent. Part of this increase, however, must be attributed to the already mentioned change in the data for 1945 to include mileage of Canadian international routes made in the United States. If this is excluded the increase over 1944 would be 28 per cent.

Pounds of freight carried showed an increase over the previous year, the first of such since 1941, but there was a small decline in ton miles. Mail pounds carried was lower than in 1944 although there was a slight increase in ton miles.

Operating revenues of Canadian carriers increased to \$17,335,154 in 1945, compared to \$17,119,291 in 1944. Operating expenses decreased to \$17,520,689 from \$17,847,346, reducing the net operating deficit from \$728,055 to \$185,535. Revenues include \$449,060 from repairs and service sales and sale of fuel and oil. Expenses against these items of \$59,265 are included in operating expenses.

The number of employees of Canadian carriers was 4,430 compared with 4,201 at the end of 1944. Wages and salaries paid amounted to \$9,252,371, compared with \$8,353,928. The scheduled carriers account for all but a small portion of the amounts shown. Not included in the above totals are the employees of American companies who are domiciled in Canada. There were 67 of these in 1945 who were paid \$185,021, compared with 131 paid \$253,116 in 1944.

TABLE 1.

STATISTICAL SUMMARY OF CIVIL AVIATION IN CANADA, 1945.

	1945	1944	1943	1942	1941	1940	1939
<u>Aircraft Miles flown</u> - Revenue	18,618,970	15,568,559	14,594,115	12,781,867	11,810,668	10,341,329	
Non revenue	1,468,462	620,803	709,434	547,276	697,722	671,258	
Total	20,087,432	16,189,362	15,293,549	13,329,143	12,508,390	11,012,587	10,969,271
<u>Passengers carried</u> - Revenue	490,809	371,397	282,886	198,205	181,219	135,779	133,776
Between foreign stations	16,711	20,846	19,381	17,497	11,792	1,840	
Company Employees	15,283	9,740	9,011	8,961	(((
Other non revenue	2,604	2,955	3,564	4,384	(((
Total	525,407	405,938	314,642	229,047	208,059	149,025	161,503
<u>Passenger Miles</u> - Revenue	153,504,833	111,127,010	100,580,892	70,554,377	53,891,516	38,438,439	21,840,483
Company Employees	5,124,620	2,215,907	1,992,061	1,601,277	(((
Other non revenue	533,992	543,412	867,511	1,050,947	(2,832,198	(2,727,363	(4,267,266
Total	159,163,445	113,886,329	103,390,464	73,206,601	56,723,714	41,165,802	26,107,750
<u>Freight carried</u> - Revenue	12,615,119	10,522,932	11,546,777	11,055,142	14,719,700	12,978,836	
Between foreign stations	399,639	659,970	791,498	352,859	106,550	11,715	
Non revenue	1,447,642	1,247,743	1,515,288	1,243,938	1,733,361	1,446,020	
Total	14,462,400	12,430,645	13,853,563	12,651,939	16,559,611	14,436,571	21,253,364
<u>Freight Ton Miles</u> - Revenue	1,337,145	1,406,679	1,500,179	1,125,912	986,482	784,922	
Non revenue	313,072	261,507	218,141	148,038	169,055	161,275	
Total	1,650,217	1,668,186	1,718,320	1,273,950	1,155,537	946,195	1,037,562
<u>Mail carried</u>	6,418,944	7,296,285	7,586,809	5,470,209	3,411,971	2,710,995	1,900,347
Ton Miles	2,096,289	2,072,129	2,103,867	1,484,314	894,578	610,053	433,349
<u>Hours flown by Aircraft</u> - Transportation Revenue	125,570	105,615	101,169	92,714	88,536	80,796	
Non revenue	12,391	5,308	6,438	5,227	7,049	6,871	
Forestry Patrol	6,578	5,351	4,352	4,595	6,835	13,461	
Fishery	106	146	115	120	147	169	
Photography Survey	585	668	628	559	508	765	
Instruction	6,750	4,291	3,192	13,690	27,927	47,954	
Exhibition - Miscellaneous	590	843	768	1,371	1,821	1,812	
Total	152,570	122,422	116,662	117,876	132,823	151,828	145,638
<u>Hours flown by Crew</u>	369,148	279,943	257,815	235,573	241,154	226,534	
" " Passengers	1,048,344	712,373	562,337	480,534	379,777	300,904	
Horse Power Hours flown by Aircraft (000)	216,288	183,556	165,487	127,246	113,797	105,451	
Gasoline consumption	7,855,067	6,169,355	5,661,301	4,653,555	4,388,648	3,959,798	3,148,238
Lubricating oil consumption	121,963	100,240	117,050	104,441	104,758	92,719	66,902
<u>Flying Accidents</u>							
Passengers Killed	2	-	2	12	14	9	8
" " Injured	9	5	3	6	10	6	6
Crew Killed	2	2	3	8	10	4	6
" " Injured	4	1	1	4	5	5	3
Other Persons Killed	-	-	3	-	-	-	-
" " Injured	-	-	8	20	24	13	14
Total Killed	4	2	4	10	15	9	9
" " Injured	13	6	4				

(1) For Canadian Carriers only except 658,111 gallons purchased by Foreign Carriers in Canada in 1945.

TABLE 2
AIRCRAFT MILES, PASSENGERS, FREIGHT AND MAIL

	Canadian Carriers				Foreign International (2)	Total
	Commercial		Non- commercial			
	(1) Scheduled	Non-scheduled				
	A	B	C	D	E	
Aircraft Miles flown - Revenue Transportation	16,331,297	938,341	-	1,349,332	18,618,970	
Non revenue	1,274,432	38,010	148,990	7,030	1,468,462	
Total	17,605,729	976,351	148,990	1,356,362	20,087,432	
Passengers carried - Revenue	330,744	18,716	-	141,349	490,809	
Received from Canadian Carriers (2)	16,405	-	-	13,692	30,097	
Between foreign stations	-	-	-	16,711	16,711	
Company Employees	9,042	458	2,999	2,784	15,283	
Other non revenue	1,264	197	674	469	2,604	
Total	341,050	19,371	3,673	161,313	525,407	
Passenger Miles - Revenue	130,912,167	866,789	-	21,725,877	153,504,833	
Company Employees	3,904,922	39,774	156,764	1,023,160	5,124,620	
Other non revenue	411,082	33,996	43,152	45,762	532,992	
Total	135,228,171	940,559	199,916	22,794,799	159,163,445	
Freight carried (lbs.) - Revenue	10,900,763	1,164,581	-	649,775	12,615,119	
Received from Canadian Carriers (2)	120,568	-	-	7,945	128,513	
Between foreign stations	-	-	-	399,639	399,639	
Non revenue	840,199	15,695	429,765	161,983	1,447,642	
Total	11,640,962	1,180,276	429,765	1,211,337	14,462,400	
Freight Ton Miles - Revenue	1,198,637	36,936	-	101,572	1,337,145	
Non revenue	243,728	622	11,982	56,740	313,072	
Total	1,442,365	37,558	11,982	138,312	1,650,217	
Mail carried (lbs.)	6,114,453	81,149	-	1,223,342	6,418,944	
Mail Ton Miles	1,789,282	1,968	-	305,039	2,096,289	
Hours flown by Aircraft - Transportation Revenue	110,311	6,313	-	9,045	125,569	
" Non revenue	10,512	343	1,478	58	12,391	
Forestry Patrol	-	165	6,413	-	6,578	
Fishery Patrol	-	74	32	-	106	
Photography - Survey	375	210	-	-	585	
Instruction	-	6,719	5	26	6,750	
Exhibition - Miscellaneous	-	158	374	59	591	
Total	121,098	13,982	8,302	9,188	152,570	
Hours flown by Crew	293,649	10,344	8,366	56,769	369,146	
" " Passengers	860,482	11,794	1,730	173,979	1,046,985	
Horse Power Hours flown (1000)	153,780	-	30,004	32,504	216,288	
Gasoline consumption (Gallons)	6,369,665	163,622	163,669	658,111	7,355,067	
Lubricating oil consumption (Gallons)	112,771	4,253	4,063	876	121,963	
Cost of Property - Aircraft	3,115,103	139,441	53,008	Not	3,307,552	
Aircraft engines	1,213,199	24,453	4,840	Collected	1,242,472	
Aircraft Communication Equipment	260,501	3,061	647	-	264,209	
Buildings and Improvement	1,600,311	59,573	6,127	-	1,666,011	
Land	71,228	6,850	5,000	-	83,078	
Miscellaneous	1,048,405	41,558	2,237	-	1,092,190	
Total	7,309,247	334,436	71,869	-	7,715,532	

(1) Includes both domestic and international route statistics.

(2) Operations in Canada only

TABLE 3.

OPERATING REVENUES

	Canadian Carriers		
	Scheduled	Non-scheduled	Total
<u>Transportation</u> - Passenger	8,454,446	153,161	8,607,607
Excess Baggage	54,597	183	54,780
Mail	5,542,716	13,724	5,556,440
Freight	1,297,850	75,470	1,373,320
Other Air Services	139,938	120,861	260,799
Total	15,489,547	363,399	15,852,946
<u>Incidental</u> - Repairs and Services	356,737	169,897	526,634
Fuel and Oil Sales	92,323	16,941	109,264
Rents	244,271	5	244,276
Miscellaneous	253,971	348,063	602,034
Total	947,302	534,906	1,482,208
Grand Total	16,436,849	898,305	17,335,154

TABLE 4.

OPERATING EXPENSES

<u>Aircraft Operation and Maintenance</u> - Flying Personnel	1,481,191	64,522	1,545,713
Aircraft Engine Fuel	2,068,036	54,561	2,122,597
" " Oil	95,059	3,916	98,975
" Repairs	1,546,944	36,784	1,583,728
" Engine Repairs	1,037,999	23,948	1,061,947
Misc. Flying Equipment Repairs ..	39,247	854	40,101
Flying Equipment Insurance	381,961	25,938	407,899
Liability & Compensation "	175,436	10,147	185,583
Other Flying Expenses	75,507	2,634	78,141
Aircraft Depreciation	937,178	42,773	979,951
Aircraft Engine "	470,669	10,217	480,886
Misc. Flying Equipment Depreciation	1,801,556	34,390	1,835,946
Total	10,110,783	310,684	10,421,467
<u>Ground Operation and Maintenance</u> - Superintendence	492,868	7,110	499,978
Airport and Hangar Employees	1,143,243	10,870	1,154,113
Communication Operators	426,506	-	426,506
Travelling and Office Expenses	596,715	7,014	603,729
Light, Heat, Power and Water	143,638	6,927	150,565
Rent of Equipment	36,992	307	37,299
Miscellaneous Ground Equipment Repairs	64,019	469	64,488
Buildings and other Improvement Repairs	85,875	8,863	94,738
Shop Expenses	340,532	36,766	377,298
Stores "	187,961	6,351	194,312
Ground Liability and Compensation Insurance	43,113	4,216	47,329
Other Ground Expenses	273,991	5,270	279,261
Depreciation of Ground Facilities	835,927	22,698	858,625
Total	4,671,380	116,861	4,788,241
<u>Incidental Services</u> - Repair and Service Sales	59,265	71,302	130,567
Other Incidental Services	186,927	336,438	503,365
Total	226,192	407,740	633,932
<u>Traffic Expenses</u> - Salaries and Wages	403,591	25	403,616
Travelling and Office Expenses	110,896	290	111,186
Advertising	92,499	2,530	95,029
Traffic Charges from other Companies	-	-	-
Other Traffic Expenses	111,824	1,807	113,631
Total	718,810	4,652	723,462
<u>General Administration</u> - Salaries and Wages	436,010	56,413	492,423
Travelling and Office Expenses	96,785	29,751	126,536
Office Rentals	21,153	1,029	22,182
Administration chgs. from other Companies	50,304	-	50,304
Uncollectible Operating Revenues	Cr. 89	1,078	989
Other General and Administration Expenses	185,074	14,403	199,477
Total	789,237	102,674	891,911
General Taxes	61,038	638	61,676
Total Operating Expenses	16,577,440	943,249	17,520,689

TABLE 5.

INCOME ACCOUNT

	Canadian Carriers		
	Scheduled	Non-Scheduled	Total
Operating Revenues	16,436,849	898,305	17,335,154
Operating Expenses	16,577,440	943,249	17,520,689
Net Operating Revenue	Dr. 149,591	Dr. 44,944	Dr. 185,535
Interest and Dividend Income	30,218	231	30,449
Miscellaneous Income	111,296	2,979	114,275
Gross Income	Cr. 923	Dr. 41,734	Dr. 40,811
<u>Deductions -</u>			
Miscellaneous Income Charges	176,267	1,304	177,571
Interest on Long Term Debt	230,000	-	230,000
Miscellaneous Interest Charges	2,839	2,626	5,465
Total Deductions	409,106	3,930	413,036
Net Income before Income Taxes	Dr. 408,183	Dr. 45,664	Dr. 453,847
Income Taxes	-	3,935	3,935
Balance to Profit and Loss	Dr. 408,183	Dr. 49,599	Dr. 457,782

TABLE 6.

FLYING ACCIDENTS

	Scheduled	Non-scheduled		Inter-national	Total
		Commercial	Non-commercial		
Accidents resulting in Death or Injury	3	3	-	-	6
Accidents resulting in Property Damage only	23	5	-	-	28
<u>Revenue Transportation -</u>					
Persons Killed - Crew	-	-	-	-	-
Passengers	1	1	-	-	2
Persons Injured- Crew	3	1	-	-	4
Passengers	9	-	-	-	9
<u>Non-Revenue Transportation -</u>					
Persons Killed - Crew	2	-	-	-	2
Other Persons	-	-	-	-	-
Persons Injured- Crew	-	-	-	-	-
<u>All Flying -</u>					
Persons Killed	3	1	-	-	4
Persons Injured	12	1	-	-	13
<u>Non-flight Accidents -</u>					
Persons Killed	-	-	-	-	-
Persons Injured	-	-	-	-	-

TABLE 7

LICENSED CIVIL AIRCRAFT IN CANADA
(as at Dec. 31, 1945)

Aircraft	Dominion and Provincial	Private	Flying Clubs	Commercial	Total
<u>Gross Weight</u>					
Up to 2,000 lb.	13	10	29	117	169
2,001 to 4,000 lb.	9	4	-	34	47
4,001 to 10,000 "	32	-	2	77	111
Over 10,000 lb.	4	-	-	50	54
Total	58	14	31	(1) 278	(1) 381
<u>Types</u>					
Seaplanes	10	-	-	8	18
Amphibians	-	-	-	4	4
Landplanes	17	9	29	154	209
Convertibles	31	5	2	112	150
Total	58	14	31	(1) 278	(1) 381

(1) Includes 96 aircraft of scheduled carriers and 50 of non-scheduled carriers in service.

TABLE 8.

EMPLOYEES

	Canadian Carriers							
	Scheduled		Non-Scheduled				Total	
	No. of Employees	Salaries & Wages	No. of Employees	Salaries & Wages	No. of Employees	Salaries & Wages	No. of Employees	Salaries & Wages
		\$		\$		\$		\$
General Officers	116	635,002	12	38,077	6	21,735	134	694,814
Clerks	604	912,370	20	24,006	5	7,685	629	944,061
Pilots	158	1,015,753	26	62,722	29	79,162	213	1,157,637
Co-pilots	114	401,976	-	-	-	-	114	401,976
Despatchers	50	113,051	1	300	-	-	51	113,351
Communication operators ...	316	519,769	-	-	-	-	316	519,769
Stewards or other attendants	98	166,406	-	-	-	-	98	166,406
Air Engineers	176	395,897	15	29,748	31	68,617	222	493,762
Mechanics	1,456	2,844,439	67	88,937	15	31,484	1,538	2,964,860
Airport employees	643	972,139	6	6,395	-	-	649	978,534
Stores employees	115	175,491	9	13,921	-	-	124	189,412
Other employees	288	544,369	50	76,133	4	7,287	342	627,789
Total	4,134	8,696,162	206	340,239	90	215,970	x 4,430	x 9,252,371

x - Exclusive of 67 employees paid \$185,021 - Canadian domiciled employees of International carriers.

TABLE 9

AIRPORTS IN CANADA
(as at Dec. 31, 1945)

	Landing Surfaces			
	Land Only	Water Only	Land and Water	Total
	No.	No.	No.	No.
Public	13	14	-	27
Dominion Government	22	4	-	26
Intermediate	49	-	-	49
Provincial	-	7	-	7
Private	7	17	-	24
Municipal Airports	8	3	2	13
Total	99	45	2	146

Published by Authority of the Hon. James A. MacKinnon, M.P.,
Minister of Trade and Commerce

CANADA *STW*

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Chief, Transportation and Public Utilities Branch, C.S. Wrong

20-1500

CIVIL AVIATION IN CANADA

1 9 4 6

The civil aviation statistics for 1946 are presented in this report in considerable more detail than in previous years.

This Bureau, in collaboration with the Air Transport Board, has published for each month reports showing certain statistics of each scheduled Canadian carrier and the total of other air carriers operating in Canada. This report includes statistics on the same basis as the monthly reports, and in addition statistics for non commercial operators. Statistics of Trans-atlantic routes are not included in this report. Corrections in the monthly data have been made in this report.

No statistics for flying clubs are included for 1946. These clubs were inactive as such during the war years and the records of many were quite incomplete for the time they were operating during 1946.

Freight or goods includes freight, express, and excess baggage, and also mail matter when carried for other persons than post office department.

Statistics in Table 1 are comparative throughout. In this table passengers and freight received from other air carriers are not included in the totals although these data are shown for each carrier and also in the totals in Table 6.

The Trans-Canada Air Lines was being organized when war was declared in 1939 and the development up to the close of 1945 was greatly influenced by war conditions. Consequently there is no appropriate comparison for 1946 traffic and operating conditions. Much of the business of the other air carriers was also on a different footing in 1946 than in the previous year.

As shown in Table 1 there has been a tremendous increase in all phases of the operations. Revenue aircraft miles flown increased between 1940 and 1946 from 10,341,325 to 25,844,570 miles or by 153 per cent. Revenue passengers carried increased from 135,779 to 802,811 (exclusive of traffic between foreign ports) or by 494 per cent, revenue passenger miles from 38,438,439 to 206,776,408 or by 438 per cent, revenue freight ton miles by 141 per cent, and mail ton miles by 151 per cent. The major portion of these increases was in the intensity traffic of the Trans-Canada Air Lines which was only in the development stage in 1940. Comparisons with 1940 operations show increases in revenue aircraft miles flown of 39 per cent, in passengers carried of 50 per cent, in passenger miles of 35 per cent, and in freight ton miles of 42 per cent, but mail ton miles declined by 27 per cent.

The ratio of available seat miles to revenue passenger miles, known as the revenue passenger load factor, was computed for scheduled routes which were primarily passenger. For routes with heavy freight traffic, in relation to passenger traffic, it is not practicable to compute available seat miles, and consequently for the Canadian Pacific Air Lines Company the load factor was based on only 26 per cent of its total revenue passenger miles. For the other carriers the factor was based on 100 per cent of their respective revenue passenger miles. Where traffic does not develop as quickly as additional facilities in schedules and seating capacity are supplied, the load factor is reduced. The load factor of the Trans-Canada Air Lines at 76.4 per cent was considerably higher than for the other Canadian carriers and also higher than for the United States carriers operating international routes.

There were 3 passengers and 6 crew killed in flying accidents during the year and 9 passengers and 3 crew injured. This total of 9 persons killed is comparable with 4 in 1945 and 13 in 1940. On a revenue passenger mile basis one revenue passenger was killed for each 30,925,000 passenger miles flown in 1946, for each 76,752,000 passenger miles in 1945 and for each 4,271,000 passenger miles in 1940. In railway train accidents in 1946 one passenger was killed for each 2,324,279,000 passenger miles. For both modes of travel the number of passengers killed is so small that a change of one or two makes a tremendous difference in these averages, but this is about the only basis on which to make a comparison of the relative hazards.

TABLE 1. STATISTICAL SUMMARY OF CIVIL AVIATION IN CANADA, 1946

	1 9 4 6	1 9 4 5	1 9 4 4	1 9 4 3	1 9 4 2	1 9 4 1	1 9 4 0
<u>Aircraft Miles flown</u> - Revenue	25,844,570	18,618,970	15,568,559	14,584,115	12,781,867	11,810,668	10,541,329
Non revenue	2,567,423	1,468,462	620,803	709,434	547,276	697,722	671,258
Total	28,411,993	20,087,432	16,189,362	15,293,549	13,329,143	12,508,390	11,012,587
<u>Passengers carried</u> - Revenue	802,811	430,809	371,397	282,886	198,205	181,219	135,779
Between foreign stations	6,673	16,711	20,846	19,381	17,497	11,792	1,840
Company Employees	25,838	15,283	8,740	9,011	8,961	((
Other non revenue	5,226	2,604	2,955	3,564	4,364	(15,048	(11,406
Total	836,548	525,407	403,938	314,642	229,047	208,059	149,025
<u>Passenger Miles</u> - Revenue	206,776,408	153,504,833	111,127,010	100,530,892	70,554,377	53,891,516	38,438,439
Company Employees	8,528,952	5,124,620	2,215,907	1,992,061	1,601,277	((
Other non revenue	442,621	535,992	545,412	867,511	1,050,947	(2,852,198	(2,727,363
Total	215,747,981	159,165,445	113,886,329	103,390,464	73,206,601	56,723,714	41,165,802
<u>Freight carried</u> - Revenue	23,437,925	12,615,119	10,522,932	11,546,777	11,055,142	14,719,700	12,978,836
Between foreign stations	181,260	339,639	659,970	791,498	352,859	106,550	11,715
Non revenue	1,607,801	1,447,642	1,247,743	1,515,288	1,243,938	1,733,561	1,446,020
Total	25,226,986	14,462,400	12,430,645	13,853,563	12,651,939	16,559,611	14,436,571
<u>Freight Ton Miles</u> - Revenue	1,892,391	1,337,145	1,406,679	1,500,179	1,125,912	956,482	784,922
Non revenue	420,286	313,072	261,507	218,141	148,038	169,055	161,273
Total	2,312,677	1,650,217	1,668,186	1,718,320	1,273,950	1,125,537	946,195
<u>Mail carried</u>	5,930,338	6,418,944	7,296,265	7,586,809	5,470,209	3,411,971	2,710,995
Ton Miles	1,534,919	2,096,289	2,072,129	2,103,867	1,484,314	894,578	610,053
<u>Hours flown by Aircraft</u> - Transportation Revenue	164,648	125,570	105,815	101,169	92,314	88,536	80,796
Non revenue ..	20,929	12,391	5,308	6,438	5,227	7,049	6,871
Forestry Patrol .....	(	6,578	5,351	4,352	4,595	6,835	13,461
Fishery " .....	(	106	146	115	120	147	169
Photography Survey	(26,011	585	668	628	559	508	765
Instruction .....	(	6,750	4,291	3,192	13,690	27,927	47,954
Exhibition - Miscellaneous ..	(	590	843	768	1,371	1,821	1,812
Total	211,588	152,570	122,422	116,662	117,876	132,823	151,828
<u>Hours flown by Crew</u>	449,844	369,148	279,943	257,815	235,573	241,154	226,534
" " Passengers	1,302,358	1,048,344	712,373	562,337	480,534	379,777	300,904
Horse Power Hours Flown by Aircraft (000)	(2)	216,288	183,556	165,487	127,246	113,797	105,451
Gasoline consumption	11,556,480	7,855,067	6,169,355	5,661,301	4,653,555	4,389,648	3,959,798
Lubricating oil consumption	155,206	121,963	100,240	117,050	104,441	104,758	92,719
<u>Flying Accidents</u>							
Passengers Killed	3	2	-	2	12	14	9
" " Injured	9	9	5	5	6	10	6
Crew Killed	6	2	2	3	8	10	4
" " Injured	3	4	1	1	4	5	5
Other Persons Killed	-	-	-	3	-	-	-
" " Injured	-	-	-	3	-	-	-
Total Killed	9	4	2	8	20	24	13
" " Injured	12	13	6	4	10	15	9

(1) For Canadian Carriers only except that purchased by Foreign Carriers in Canada in 1945 and 1946.

(2) Not Available.

GENERAL BALANCE SHEET, 1946

TABLE 2

	Canadian Pacific Air Lines (including Quebec Airways)	Maritime Central	M & C Aviation	Trans-Canada Air Lines	Total Scheduled Air Lines	Other Canadian Carriers	Grand Total Canadian Carriers
ASSETS							
Current and Accrued Assets	2,880,411	58,583	35,415	4,365,625	7,340,034	520,207	7,860,241
Investments	753,096	437	23,088	6,287	762,908	41,888	804,796
Deferred Debits	13,166	18,002	5,438	503,528	540,134	118,407	658,541
Special Funds	-	-	-	1,514,273	1,514,273	5,418	1,519,691
Fixed Assets less Depreciation	4,012,954	185,777	76,695	7,557,109	11,812,535	1,284,072	13,096,607
Total	7,639,627	262,799	140,636	13,926,822	21,969,884	1,969,992	23,939,876
LIABILITIES							
Current and Accrued Liabilities	886,271	107,661	38,467	5,201,751	6,234,130	888,214	7,122,344
Long Term Debt	1,620,344	-	10,283	-	1,630,627	455,049	2,085,676
Deferred Credits	548,777	4,760	-	255,756	809,293	8,878	818,171
Reserves	28,819	-	-	1,614,273	1,643,092	36,755	1,679,847
Capital Stock	6,063,600	92,200	55,000	6,600,000	12,810,800	561,538	13,372,338
Surplus	Dr. 1,508,184	58,178	36,886	255,061	Dr. 1,158,058	19,558	Dr. 1,138,500
Total	7,639,627	262,799	140,636	13,926,822	21,969,884	1,969,992	23,939,876
PROPERTY ACCOUNT							
PROPERTY AND EQUIPMENT							
Aircraft	2,323,365	89,346	49,340	4,467,639	6,929,690	785,334	7,715,024
Aircraft Engines	718,948	41,075	5,641	545,165	1,310,829	132,490	1,443,319
Aircraft Communication Equipment	-	12,930	-	351,435	364,365	27,063	391,428
Miscellaneous Flying Equipment	-	-	-	-	-	21,160	21,160
Total Flying Equipment	3,042,313	143,351	54,981	5,364,239	8,604,884	966,047	9,570,931
Miscellaneous Ground Equipment	402,760	14,352	9,645	1,070,804	1,497,561	98,657	1,591,218
Buildings and other Improvements	542,733	25,364	10,357	998,672	1,577,126	85,553	1,662,679
Land	25,148	10	1,712	103,394	130,264	14,850	145,114
Grand Total	4,012,954	183,077	76,695	7,557,109	11,809,835	1,160,107	12,969,942
Additions - Retirements - Depreciation -							
Additions	1,689,303	51,952	52,449	6,080,412	7,844,726	1,180,157	9,024,883
Retirements	488,049	17,487	2,610	451,896	940,042	269,583	1,209,625
Accrued Depreciation	2,714,166	160,119	51,703	5,444,077	8,370,065	416,397	8,786,462

TABLE 5

INCOME ACCOUNT

	Canadian Pacific Air Lines (including Quebec Airways)	Maritime Central	M & C Aviation	Trans-Canada Air Lines	Total Scheduled Air Lines	Other Canadian Carriers	Grand Total Canadian Carriers
Total Revenues	7,332,995	411,593	68,158	12,810,805	20,623,551	1,384,438	21,987,989
Total Expenses	6,993,410	391,105	64,037	13,943,939	21,392,491	1,384,949	22,777,440
Net Operating Revenue	339,585	20,488	4,121	Dr. 1,133,134	Dr. 768,940	Dr. 20,511	Dr. 789,451
Non operating Income Total	73,435	-	3,498	49,663	126,596	20,244	146,840
Gross Income less Operating Expense	413,020	20,488	7,619	Dr. 1,083,471	Dr. 642,344	Dr. 267	Dr. 642,611
<u>Deductions from Gross Income -</u>							
Miscellaneous Income Charges	16,410	-	-	31,785	48,195	8,118	56,313
Interest on Long Term Debt	-	-	-	-	-	4,116	4,116
Miscellaneous Interest Charges	5,923	3,773	1,154	-	10,850	13,453	24,303
Amortization of Discount on Debt	-	-	-	-	-	570	570
Total Deductions	22,333	3,773	1,154	31,785	59,045	26,257	85,302
Net Income before Income Tax	390,687	16,715	6,465	Dr. 1,115,256	Dr. 701,389	Dr. 26,524	Dr. 727,913
Income Taxes	-	7,558	-	-	7,558	18,222	25,780
Balance Transferred to Profit and Loss	390,687	9,157	6,465	Dr. 1,115,256	Dr. 708,947	Dr. 44,746	Dr. 753,693
<u>PROFIT AND LOSS</u>							
<u>Credits -</u>							
Balance at beginning of year	-	56,502	29,393	1,524,686	1,610,587	53,622	1,664,209
Balance from Income	390,687	9,157	6,465	-	406,309	75,324	481,633
Miscellaneous Credits	-	7,350	1,023	-	8,353	57,580	65,933
Total	390,687	72,989	36,887	1,524,686	2,025,249	186,526	2,211,775
<u>Debits</u>							
Balance at beginning of Year	1,898,871	-	-	-	1,898,871	103,331	2,002,202
Balance transferred from Income	-	-	-	1,115,256	1,115,256	101,844	2,217,100
Miscellaneous Debits	-	1,354	-	-	1,354	110,987	112,341
Dividends	-	15,458	-	154,368	167,826	-	167,826
Total	1,898,871	14,812	-	1,269,624	3,183,307	316,162	3,499,469
Credit Balance at close of Year	-	58,177	36,887	255,062	-	-	-
Debit Balance at close of Year	1,508,184	-	-	-	1,158,058	129,636	1,287,694

TABLE 4

CIVIL AVIATION, 1946

	Canadian Pacific Air Lines (including Quebec Airways)	Maritime Central	M & C Aviation	Trans-Canada Air Lines	Total Scheduled Air Lines	Other Canadian Carriers	Grand Total Canadian Carriers
REVENUES --							
Passenger	3,067,675	202,480	13,928	8,065,477	11,349,560	35,806	11,385,366
Excess Baggage	-	1,114	-	72,946	74,060	85	74,145
Mail	1,332,356	146,264	2,971	3,780,509	5,262,100	16,373	5,278,473
Goods	753,484	9,846	8,773	505,233	1,077,342	5,922	1,083,264
Chartered Services	1,464,254	50,157	41,551	-	1,555,962	886,210	2,442,172
Other Air Services	372,998	-	-	-	372,998	289,307	662,305
Total	6,990,767	409,861	67,223	10,284,171	19,692,022	1,233,703	20,925,725
Incidental Revenues, net	342,228	1,732	935	586,634	931,529	130,735	1,062,264
Grand Total	7,332,995	411,593	68,158	12,810,805	20,623,551	1,364,438	21,987,989

TABLE 5

EXPENSES							
Aircraft Operation and Maintenance	4,808,879	249,774	47,411	7,890,333	12,796,397	962,552	13,758,949
Ground Operation and Maintenance	1,657,626	89,416	10,094	4,202,581	5,959,717	193,681	6,153,398
Traffic Expenses	221,720	12,345	2,212	1,161,822	1,431,139	56,203	1,487,342
General Administration	424,302	35,553	2,142	680,922	1,129,079	167,669	1,296,748
General Taxes	16,643	1,017	178	58,321	76,159	4,844	81,003
Grand Total	6,993,410	391,105	64,037	13,943,939	21,392,491	1,594,949	22,777,440

TABLE 6

CIVIL AVIATION, 1946

	Canadian Pacific Air Lines (including Quebec Airways)	Maritime Central	M & C Aviation	Trans-Canada Air Lines	Total Scheduled Air Lines	Other Canadian Carriers	Grand Total Canadian Carriers	Foreign Inter-national	Non-Commercial	GRAND TOTAL
Aircraft Miles - Scheduled	4,771,496	570,041	56,674	14,884,345	20,282,556	79,407	20,361,936	1,135,714	-	21,497,677
Miles Flown - Revenue	6,815,907	570,319	145,720	14,162,377	21,692,323	3,099,171	24,791,494	1,053,076	-	25,844,570
Non revenue	580,568	20,522	5,676	1,702,293	2,109,059	278,131	2,387,190	37,029	143,204	2,567,423
Total	7,194,475	590,841	151,396	15,864,670	23,801,382	3,577,302	27,178,684	1,090,105	143,204	28,411,993
Passengers Carried -										
Revenue Originated ...	176,685	27,293	1,259	303,670	508,907	63,416	572,323	237,161	-	809,484
Received from others	-	4,714	-	33,306	38,220	-	38,220	7,677	-	45,897
Company Employees	3,568	319	15	13,493	17,395	859	18,254	2,876	2,708	23,838
Other Non revenue	256	139	2	1,137	1,534	1,182	2,716	510	-	3,226
Total	180,509	32,465	1,276	351,806	566,056	65,457	631,513	248,224	2,708	882,445
Goods Carried -										
Revenue Originated ...	16,471,226	281,833	134,303	1,457,317	18,344,679	4,109,111	22,453,790	2,116,395	-	23,619,185
Rec'd from other carriers	43,515	14,062	-	149,320	206,897	-	206,897	12,680	-	219,577
Non revenue	664,344	-	-	555,537	1,219,881	20,310	1,240,191	95,807	271,803	1,607,801
Total	17,179,085	295,895	134,303	2,162,174	19,771,457	4,129,421	23,900,878	1,273,882	271,803	25,446,563
Mail Carried	1,722,733	375,307	29,082	2,334,717	4,811,819	105,811	4,915,630	1,014,708	-	5,930,338
Passenger Miles -										
Revenue	30,515,755	3,013,618	168,195	155,777,319	189,474,887	4,210,310	193,685,397	13,091,011	-	206,776,408
Company Employees	1,227,545	28,570	3,451	6,758,673	8,016,239	105,553	8,123,792	203,156	202,004	8,528,952
Other non revenue	53,562	11,105	400	242,493	307,560	104,800	412,360	30,261	-	442,621
Total	31,796,862	3,053,293	172,046	162,779,485	197,800,686	4,420,863	202,221,549	13,324,428	202,004	215,747,981
Ratio of Available Seat Miles to Revenue Passenger Miles 4/P.C.										
Ton Miles - Goods - Revenue	48.7	50.8	-	78.4	73.8	-	73.8	61.5	-	72.7
Non revenue	1,150,734	27,534	10,411	513,493	1,702,172	142,121	1,844,293	48,098	-	1,892,391
Total	1,292,914	27,534	10,411	772,996	2,103,855	143,353	2,247,248	55,703	9,726	2,312,677
Ton Miles - Mail	255,411	14,694	1,639	1,210,716	1,482,460	3,364	1,485,824	49,095	-	1,534,919
Gasoline Consumed	2,632,415	192,880	31,436	6,843,321	9,700,052	543,497	10,249,549	1,029,210	277,721	11,556,480
Cost \$	906,985	46,617	11,969	1,669,902	2,635,473	168,300	2,803,773	-	-	2,803,773
Oil Consumed	46,985	3,946	974	82,413	134,318	13,267	147,585	2,245	6,659	156,489
Cost \$	42,402	4,119	792	64,643	111,956	12,992	124,948	-	-	124,948
Hours Flown - Revenue	52,019	4,837	1,464	79,825	136,145	19,602	157,747	6,901	-	164,648
Non revenue	2,961	197	55	13,440	16,653	2,682	19,335	208	1,386	20,929
Miscellaneous	894	-	-	-	894	15,841	16,235	-	9,776	26,011
Total	55,874	5,034	1,519	93,265	155,692	37,625	193,317	7,109	11,162	211,588
Crew Hours	100,542	9,501	1,948	267,289	379,280	36,032	415,312	21,684	12,848	449,844
Passenger Hours	222,497	22,959	1,741	926,048	1,173,245	40,666	1,213,911	86,656	1,791	1,302,358

1/ Includes 6,673 passengers between foreign stations.

2/ Includes 181,260 lbs. of goods between foreign stations.

3/ Purchased in Canada.

4/ Computed for routes which were primarily scheduled passenger routes.

EMPLOYEES, SALARIES AND WAGES

TABLE 7

Canadian Carriers	Number	Salaries & Wages \$	Companies	Number	Salaries & Wages \$
General Officers	177	939,355	Canadian Pacific Air Lines	1,221	2,590,286
Clerks and Stenographers	630	960,322	Maritime Central	62	127,291
Pilots	259	1,419,867	M & C Aviation	34	62,366
Co-pilots	172	596,149	Trans-Canada Air Lines	3,839	8,747,408
Despatchers	75	208,809	Total Scheduled	5,156	11,527,370
Communication Operators	328	583,686	Other Air Carriers	257	507,602
Stewards and other Attendants	141	249,169	Total Canadian Carriers	5,413	12,034,972
Air Engineers	281	682,891	Foreign International Carriers	(1)	115
Mechanics	1,716	3,452,639	Non-Commercial	98	295,044
Airport Employees	840	1,351,084	Grand Total	5,626	12,573,993
Stores Employees	156	256,282			
Other Employees	640	1,334,919			
Total	5,413	12,034,972			

(1) Employees domiciled in Canada only.

ACCIDENTS

TABLE 8

	Canadian Pacific Air Lines (including Quebec Airways)	Maritime Central Aviation	M & C Aviation	Trans-Canada Air Lines	Total Scheduled Air Lines	Other Canadian Carriers	Grand Total Canadian Carriers	Foreign International	Non-Commercial	Grand Total
Accidents resulting in Property Damage only ...	32	2	1	48	83	15	98	-	3	101
Revenue Transportation -										
Number resulting in Death or Injury	1	-	-	-	1	2	3	-	-	3
Number of Persons - Killed - Crew - Pilots ..	-	-	-	-	-	2	2	-	-	2
Other Crew	-	-	-	-	-	2	2	-	-	2
Passengers	-	-	-	-	-	3	3	-	-	3
Total	-	-	-	-	-	7	7	-	-	7
Injured - Crew - Pilots	-	-	-	-	-	1	1	-	-	1
Other Crew	-	-	-	-	-	1	1	-	-	1
Passengers	1	-	-	-	1	8	9	-	-	9
Total	1	-	-	-	1	10	11	-	-	11
Non-revenue Transportation -										
Number resulting in Death or Injury	-	-	-	1	1	-	1	-	-	1
Number of Persons - Killed - Crew - Pilots ..	-	-	-	2	2	-	2	-	-	2
Injured	-	-	-	-	-	-	-	-	-	-
Miscellaneous Flying -										
Number resulting in Death or Injury	-	-	-	-	-	1	1	-	-	1
Number of Persons - Killed - Crew - Pilots ..	-	-	-	-	-	1	1	-	-	1
Injured	-	-	-	-	-	-	-	-	-	-
Total All Flying -										
Number resulting in Death or Injury	1	-	-	1	2	3	5	-	-	5
Number of Persons - Killed - Crew - Pilots ..	-	-	-	2	2	2	4	-	-	4
Other Crew	-	-	-	-	-	3	3	-	-	3
Passengers	-	-	-	2	2	7	9	-	-	9
Total	-	-	-	-	-	12	12	-	-	12
Injured - Crew - Pilots	-	-	-	-	-	2	2	-	-	2
Other Crew	1	-	-	-	1	8	9	-	-	9
Passengers	1	-	-	-	1	11	12	-	-	12
Total	1	-	-	-	1	1	1	-	1	2
Non Flight Accidents -										
Number resulting in Death or Injury	-	-	-	-	-	-	-	-	1	1
Number of Persons - Killed - Crew - Pilots ..	-	-	-	-	-	-	-	-	1	1
Other Crew	-	-	-	-	-	1	1	-	3	3
Other Persons	-	-	-	-	-	1	1	-	4	5
Total	-	-	-	-	-	-	-	-	-	-

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TRANSPORTATION DIVISION

CIVIL AVIATION

(**IN**
CANADA)

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CIVIL AVIATION IN CANADA

1 9 4 7

Introduction

The Bureau of Statistics in collaboration with the Air Transport Board, has published monthly reports since January, 1941, showing certain statistics of each scheduled Canadian carrier and the totals for other air carriers operating in Canada. The current report includes statistics on the same basis as the monthly summaries and, in addition, some statistics for "D" class or specialty carriers and for non-commercial operators. Corrections in the monthly summary have been made in this report as shown in the annual reports of each company. Commercial operators are presently divided into four main classes, "A" - scheduled, "B" and "C" - non-scheduled and "D" - specialty carriers, such as aerial survey, training, dusting, etc. Only the "A", "B" and "C" operations are included in the monthly reports on Civil Aviation published by the Bureau. The annual totals, however, include the available statistics on "D" class carriers. Consequently the preliminary annual report will not agree with the current annual in such items as miles flown, gasoline and oil consumed and their cost, or number of hours flown.

Freight or goods includes freight, express and excess baggage carried, and also mail matter when transported for clients other than the post office department.

Statistics in Table 1 are not comparable throughout as totals for 1947 and 1946 do not now include certain non-commercial operations which, however, represent but a small segment of the industry. In fact, the statistics during the war years shown (1941-1945) must be considered with reservations, and only in 1946 does a modern civil aviation industry evolve. Operations in the pre-war period were carried on principally by our renowned "bush fliers" and few inter-city scheduled services were then available. During the war, traffic was controlled both by emergency regulations, non-availability of new planes and equipment and by the absence of qualified personnel who had flocked to the Air Force. Aircraft miles flown in Canada during 1939 were under 11 million miles and in 1947 reached 36,032,569 miles, while the wartime peak occurred in 1945 at some 20 million miles. Regular inter-city commercial service has become commonplace only since 1946. The Trans-Canada Air Lines was being organized when war was declared in 1939 and development up to the end of 1945 was greatly retarded by war conditions. At present, over 80 p.c. of

passenger miles flown are scheduled on inter-city routes which did not exist previous to 1939.

Review of 1947 Operations

During the year commercial aircraft mileage flown increased from 28,268,789 to 36,032,569 miles, an increase of 7,763,870 miles or 27.5 p.c. over 1946 for the reporting commercial operators. Revenue aircraft mileage was nearly 33.2 million against 25.8 million miles one year earlier. Revenue passengers originating numbered 836,047 compared with 802,811, up about 4.1 p.c. (This contrasts with a decline of 6 p.c. from 1946 in the number of railway passengers carried). Revenue passenger miles totalled nearly 238 million during the year as against 206,776,408 in 1946, some 53,900,000 miles in 1941 and only 21,840,000 miles in 1939, indicating the tremendous increase in passenger traffic in recent years. The volume of freight carried also increased greatly with a total of 34,241,378 pounds of all kinds carried during 1947, some 9 million pounds more than in 1946 and 13 million pounds above the total for 1939. Freight ton mileage was also up considerably over the preceding year at 3,670,240 ton miles as against 2,302,951 and 1,037,562 ton miles in 1939.

While the weight of mail carried during the war years reached a peak of 7,586,809 pounds in 1943, the 1947 volume at 6,965,895 indicated a respectable traffic and was over 1,035,000 pounds above 1946. Aircraft logged 218,713 hours of revenue transportation during the year, an increase of 32.3 p.c. or 54,024 hours from the previous year.

Gasoline consumed totalled 13,922,451 gallons against 11,278,759 gallons in 1946 and 184,454 gallons of lubricating oil were used. The cost of gas and oil to Canadian carriers and purchases by foreign carriers in Canada exceeded \$3,788,000. Commercial flying accidents claimed 24 lives during 1947, including 15 passengers and 8 crew, compared with a total of 9 persons killed in 1946 and 4 in 1945. On a revenue passenger mileage basis, one passenger was killed for each 15,199,000 passenger miles flown during 1947 and compares with 68,925,000 passenger miles in the previous year. A similar comparison for railway trains shows one passenger killed for each 109,787,600 passenger miles carried in 1947, a year in which passenger fatalities numbering 34 were considerably above the ten year average of 12.7 persons. The 1947 record for U.S. Domestic airlines shows an airline passenger death rate per million passenger miles of 3.2.

The Income Account for the reporting companies as outlined in Table 3 shows total revenues of \$26,834,090 compared with \$21,987,969 in 1946, an increase of 22 p.c., while expenses rose from \$22,777,440 to \$29,321,502 or by 28.7 p.c. The net loss after deductions was \$2,787,482 as against \$753,693 in the preceding year. The scheduled carriers were responsible for the greatest part of the 1947 deficit, i.e., \$2,334,295 or 83.7 p.c. of the balance transferred to loss.

The year was one of record additions in property and equipment which were valued at \$21,433,350 compared with \$9,024,883 in 1946. Retirements were \$4,162,406 against \$1,209,625 one year earlier while accrued depreciation increased by \$1,759,257 to \$10,545,719. Total assets rose from some \$23,940,000 to \$44,433,000.

As indicated in Table 7 there were 5,725 employees engaged by the Canadian carriers and \$13,334,736 was paid out by them in salaries and wages. The total for all operators showed 5,872 employees receiving \$13,710,606.

International Service

Data given in Table 6, etc., on Foreign International carriers cover only their operations over Canadian territory and no financial statistics are available other than salaries and wages paid to employees domiciled in Canada. Overseas services are not included in the monthly and annual statements.

However, as supplementary information, Trans-Canada Air Lines (Atlantic) Ltd., British Overseas Airways Corporation and British Commonwealth Pacific Airlines currently report operations to and from Canada. The Atlantic Service of T.C.A. was inaugurated the first of May, 1947, and transported 15,815 revenue passengers to the end of the year. A total of 251,562 mail ton miles were logged and 531,008 freight ton miles, including air express, cargo and excess baggage. Operating revenues for this service were \$5,483,298 against operating expenses of \$5,341,838, and the surplus after interest payments was \$136,303. From 1943 Trans-Canada had operated a wartime trans-Atlantic service between Montreal and the British Isles for the Canadian Government and the company and its personnel thus acquired considerable know-how in trans-Atlantic operations.

Flying Clubs

There were 38 flying clubs across Canada which reported activities during 1947. Revenues from flying and incidentals totalled about \$438,000 while expenses grossed over \$450,000 leaving a deficit of some \$12,000. The total club membership averaged over 2,000 monthly during the year and an average of 450 pupils were under instruction. Licences granted to private pilots through the clubs totalled 299, limited commercial pilots 54, public transport pilots 32, air engineers 10 and instructors 10. Employees represented an average of 85 monthly and their salaries and wages were \$175,017. Gasoline consumed reached 133,743 gallons, costing \$40,770, while ^{oil} consumption by the clubs totalled 4,715 gallons at \$4,963. While the above figures are from summaries of monthly statements and subject to revision, they are indicative of flying club activities in Canada during 1947.

Arrivals by Air

The Immigration Branch of the Mines and Resources Department records arrivals by plane of returning Canadians and tourists, etc., at the principal airports in Canada. A summary table giving this information by provinces for 1946 and 1947 appears below. It is not possible to divide these totals into commercial, non-commercial, private or itinerant planes. This inward traffic has increased tremendously since pre-war and its contribution to our tourist industry is considerable. Totals are not comparable with statistics for foreign international carriers, which include traffic in both directions. It is estimated that tourists by air from the United States to Canada during 1947 expended over \$12,100,000 here. In addition, overseas arrivals by plane and steamship contributed another \$10 millions.

Number of Returning Residents and Tourist Entries
by Plane, 1946 and 1947

Province of Entry	1946			1947		
	Planes	Returning Canadians	Tourists, etc.	Planes	Returning Canadians	Tourists, etc.
	No.			No.		
Nova Scotia	100	102	412	307	195	659
New Brunswick	632	1,594	5,337	1,044	2,487	6,650
Quebec	5,253	21,486	40,637	4,790	17,583	29,744
Ontario	5,926	27,853	29,049	8,045	27,174	32,414
Manitoba	989	2,879	3,995	1,150	2,924	4,513
Saskatchewan	53	25	72	61	19	102
Alberta	653	1,744	2,852	981	1,290	7,144
British Columbia	1,789	7,565	16,513	3,788	12,992	22,522
Yukon	/ 1,434	360	/ 11,297	/ 888	365	/ 9,292
Total	16,829	63,608	110,164	21,054	65,029	113,040

/ Mainly intransit to and from Alaska.

Non-Commercial Carriers

In addition to the regular licensed carriers which numbered 150 reporting operations during 1947, certain companies and government departments operated air services. The Consolidated Mining and Smelting Co., and the Hudson Bay Air Transport Ltd., for example, carried company employees and considerable freight during the year with employees carried numbering 2,935 and freight 324,204 pounds. Operating expenses for these two companies were \$134,490 and included \$24,745 in wages. The Manitoba Government Air Service operated in the first five months flying 616 hours. Forestry and fishery patrols, photographic survey, instruction and exhibition flights also were responsible for considerable air time.

Table 1
STATISTICAL SUMMARY OF CIVIL AVIATION IN CANADA, 1941-1947

	1947	1946(3)	1945	1944	1943	1942	1941
Aircraft Miles flown - Revenue	33,186,617	43,811,570	18,218,970	15,568,559	14,584,115	12,781,867	11,810,638
Non revenue	2,845,952	2,423,213	1,468,462	620,803	709,434	547,276	697,722
Total	36,032,569	46,234,783	19,687,432	16,189,362	15,293,549	13,329,143	12,508,360
Passenger Miles flown - Revenue	836,147	802,811	430,802	371,397	282,886	198,205	181,219
Between foreign stations	10,674	6,673	16,711	20,846	19,351	17,497	11,792
Company Employees	39,891	21,130	15,883	8,740	9,111	8,961	(
Other non revenue	785,533	5,226	2,304	2,855	3,244	4,324	(15,048
Total	885,571	833,840	532,417	403,938	314,642	229,047	208,059
Passenger Miles - Revenue	231,088,178	206,776,408	152,504,633	111,127,000	100,530,892	70,554,377	53,891,516
Company Employees	11,000,813	8,536,943	5,134,620	2,211,907	1,302,061	1,001,277	(
Other non revenue	1,256,368	442,621	533,992	543,412	867,511	1,050,947	(2,832,198
Total	243,345,359	215,755,972	158,173,245	113,881,319	102,690,464	72,606,601	56,723,714
Freight carried - Revenue	31,635,487	25,656,502	12,405,119	10,522,932	11,546,777	11,058,142	14,719,709
Between foreign stations	250,412	181,260	399,639	659,970	791,498	352,859	106,550
Non revenue	2,357,529	1,335,998	1,447,642	1,247,743	1,515,288	1,243,938	1,732,361
Total	24,241,578	25,173,760	14,442,400	12,430,645	13,858,563	12,651,939	16,559,611
Freight Ton Miles - Revenue	2,085,618	1,892,391	1,337,145	1,406,679	1,500,170	1,123,012	958,482
Non revenue	684,682	410,560	313,072	261,507	218,141	148,038	169,055
Total	3,570,240	2,302,951	1,650,217	1,668,186	1,718,320	1,273,950	1,125,537
Mail carried	6,963,895	5,930,338	6,418,944	7,296,265	7,586,809	5,470,209	3,411,971
Total	4,443,334	1,534,310	2,000,291	3,000,100	2,000,000	1,000,000	244,792
Hours flown by Aircraft - Transportation Revenue	218,713	164,649	125,570	105,815	101,169	32,314	38,536
Non revenue	25,338	19,542	12,391	5,308	6,438	5,227	7,043
Forestry Patrol .....	(	(	6,578	5,351	4,352	4,595	6,835
Fishery .....	(	(	106	146	115	120	147
Photography Survey .....	(	(	585	668	628	559	508
Instruction .....	(	(	6,750	4,291	3,192	13,690	27,927
Exhibition - Miscellaneous .....	(	(	590	843	768	1,371	1,821
Total	282,462	210,202	152,570	122,422	116,662	117,876	132,823
Hours flown by Crew	(2)	449,844	369,148	279,945	257,815	235,573	241,154
" Passengers	(2)	1,302,356	1,048,344	712,373	562,337	480,534	379,777
Horse Power Hours Flown by Aircraft (000)	(2)	(2)	216,288	185,556	165,487	127,246	113,797
Gasoline consumption	13,922,451	11,278,759	7,855,067	6,169,355	5,661,301	4,653,555	4,389,648
Lubricating oil consumption	184,454	149,829	121,963	100,240	117,050	104,441	104,758
Flying Accidents							
Passengers Killed	15	3	2	-	2	12	14
" Injured	9	9	9	5	3	6	10
Crew Killed	8	6	2	2	3	8	5
" Injured	7	4	1	1	1	4	5
Other Persons Killed	1	-	-	-	3	-	-
" Injured	-	-	-	-	-	-	-
Total Killed	24	9	4	2	8	20	24
" Injured	16	12	13	6	4	10	15

(1) For Canadian Carriers only except that purchased by Foreign Carriers in Canada in 1945 to 1947.

(2) Not Available.

(3) Adjusted to exclude non-commercial not included in 1947.

Table 2
GENERAL BALANCE SHEET, 1947

	Canadian Pacific Air Lines (including Quebec Airways)	Maritime Central	Central Northern	Trans-Canada Air Lines	Total Scheduled Air Lines	Other Canadian Carriers	Grand Total Canadian Carriers
ASSETS							
Current and Accrued Assets	2,555,617	47,192	127,935	6,251,458	8,982,202	1,380,448	10,362,650
Investments	783,000	437	-	5,987	789,424	48,300	837,724
Deferred Debits	61,465	22,333	36,876	109,126	229,800	396,124	625,924
Special Funds	-	-	-	2,124,731	2,124,731	63,772	2,188,503
Fixed Assets less Depreciation	3,682,665	165,253	309,363	21,532,777	25,690,058	4,728,282	30,418,340
Total	7,082,747	235,215	474,174	30,024,079	37,816,215	6,616,926	44,433,141
LIABILITIES							
Current and Accrued Liabilities	909,989	76,026	74,218	4,839,295	5,899,528	2,512,084	8,411,612
Long Term Debt	1,648,078	-	-	1,267,074	2,915,152	1,401,896	4,317,048
Deferred Credits	575,597	5,658	315	302,461	884,031	14,705	898,736
Reserves	-	-	25,587	2,521,231	2,546,818	28,852	2,575,670
Capital Stock	6,063,600	92,200	355,750	22,600,000	29,111,550	2,652,557	31,764,107
Surplus	Dr. 2,114,517	61,331	18,304	Dr. 1,306,332	Dr. 3,540,332	6,032	Dr. 3,534,032
Total	7,082,747	235,215	474,174	30,024,079	37,816,215	6,616,926	44,433,141
PROPERTY ACCOUNT, 1947 (Net Value close of Year)							
PROPERTY AND EQUIPMENT							
Aircraft	2,147,930	77,146	216,004	15,336,000	17,777,080	2,801,569	20,578,649
Aircraft Engines	646,180	32,742	43,348	991,329	1,713,599	482,420	2,196,019
Aircraft Communication Equipment	-	10,676	4,334	601,725	616,735	49,096	665,831
Miscellaneous Flying Equipment	-	-	2,795	-	2,795	65,145	67,940
Total Flying Equipment	2,794,110	120,564	266,481	16,929,054	20,110,209	3,398,230	23,508,439
Miscellaneous Ground Equipment	577,086	15,334	18,175	1,608,029	2,019,424	372,509	2,391,933
Buildings and other Improvements	437,451	26,495	22,767	2,896,495	3,453,228	539,364	3,992,590
Land	23,218	160	1,920	99,201	124,499	212,799	339,298
Grand Total	3,682,665	162,553	309,363	21,532,777	25,690,058	4,728,282	30,418,340
Additions - Retirements - Depreciation during year							
Additions	1,149,269	43,780	379,026	16,735,428	18,315,503	3,117,847	21,433,730
Retirements	1,162,890	119	21,401	2,202,747	3,587,157	775,248	4,162,406
Accrued Depreciation	3,030,834	224,304	48,262	5,989,090	9,292,490	1,253,229	10,545,719

Table 3

INCOME ACCOUNT

	Canadian Pacific Air Lines (including Quebec Airways)	Maritime Central	Central Northern	Trans-Canada Air Lines	Total Scheduled Air Lines	Other Canadian Carriers	Grand Total Canadian Carriers
Total Revenues	6,207,264	425,586	370,648	15,297,347	22,300,645	4,533,445	26,834,090
Total Expenses	6,947,804	411,523	321,546	16,858,681	24,439,154	4,882,548	29,321,502
Net Operating Revenue	Dr. 640,540	14,063	49,502	Dr. 1,561,534	Dr. 2,138,509	Dr. 348,903	Dr. 2,487,412
Non-operating Income Total	64,163	-	-	79,432	143,595	25,206	168,803
Gross Income less Operating Expense	Dr. 576,377	14,063	49,502	Dr. 1,431,902	Dr. 1,994,914	Dr. 323,695	Dr. 2,318,609
<u>Deductions from Gross Income -</u>							
Miscellaneous Income Charges	25,755	-	-	Cr. 1,693	24,062	51,492	75,554
Interest on Long Term Debt	-	-	-	261,897	261,897	31,460	293,357
Miscellaneous Interest Charges	4,201	1,645	-	18,937	24,783	35,189	59,972
Amortization of Discount on Debt	-	-	-	-	-	-	-
Total Deductions	29,956	1,645	-	279,141	310,742	118,351	429,093
Net Income before Income Tax	Dr. 606,333	12,418	49,302	Dr. 1,761,043	Dr. 2,305,656	Dr. 442,046	Dr. 2,747,702
Income Taxes	-	4,839	24,000	-	28,839	11,141	39,780
Balance Transferred to Profit and Loss	Dr. 606,333	7,779	25,302	Dr. 1,761,043	Dr. 2,334,295	Dr. 453,187	Dr. 2,787,482
<u>PROFIT AND LOSS</u>							
<u>Credits -</u>							
Balance at beginning of year	-	58,177	-	255,061	313,238	211,811	525,049
Balance from Income	-	7,779	25,302	-	33,081	154,432	187,513
Miscellaneous Credits	-	7	-	-	7	105,053	105,060
Total	-	65,963	25,302	255,061	346,326	471,296	817,622
<u>Debits</u>							
Balance at beginning of year	1,508,184	-	-	-	1,508,184	259,673	1,767,857
Balance transferred from Income	606,333	-	-	1,761,043	2,367,376	609,098	2,976,474
Miscellaneous Debits	-	-	123	-	123	105,700	105,823
Dividends	-	4,632	6,875	-	11,507	-	11,507
Total	2,114,517	4,632	6,998	1,761,043	3,887,190	974,471	4,861,661
Credit Balance at close of year	-	61,531	18,304	-	79,635	322,404	402,039
Debit Balance at close of year	2,114,517	-	-	1,505,982	3,620,499	825,580	4,446,079

Table 4

CIVIL AVIATION, 1947

	Canadian Pacific Air Lines (including Quebec Airways)	Maritime Central	Central Northern	Trans-Canada Air Lines	Total Scheduled Air Lines	Other Canadian Carriers	Grand Total Canadian Carriers
REVENUES -							
Passenger	2,679,528	167,134	84,926	10,450,522	13,392,110	188,917	13,571,027
Excess Baggage	39,629	1,007	1,617	84,911	127,164	507	127,671
Mail	1,345,307	157,628	24,346	3,808,196	5,335,477	26,872	5,362,349
Goods	722,922	7,746	99,587	449,449	1,279,704	40,938	1,320,642
Chartered Services	549,764	77,039	155,962	71,749	854,514	2,576,193	3,430,707
Other Air Services	447,564	13,171	-	10,157	470,892	821,488	1,292,380
Total	5,784,714	423,725	366,433	14,874,984	21,449,861	3,654,915	25,104,776
Incidental Revenues, net	422,550	1,661	4,210	422,363	850,784	461,293	1,312,077
Grand Total	6,207,264	425,386	370,643	15,297,347	22,300,645	4,116,208	26,416,853

Table 5

EXPENSES							
Aircraft Operation and Maintenance ...	4,067,477	235,124	217,895	9,051,796	13,572,292	3,168,997	16,741,289
Ground Operation and Maintenance	1,908,630	93,115	58,440	5,119,336	7,179,521	595,728	7,775,249
Traffic Expenses	356,910	15,377	7,429	1,901,421	2,281,137	126,679	2,407,816
General Administration	490,825	66,658	36,318	710,690	1,304,491	508,037	1,812,528
General Taxes	23,962	1,049	1,264	75,438	101,713	16,484	118,197
Grand Total	6,847,804	411,323	321,346	16,858,681	24,439,154	4,415,925	28,855,079

Table 6

CIVIL AVIATION, 1947

	Canadian Pacific Air Lines (including Quebec Airways)	Maritime Central	Central Northern	Trans-Canada Air Lines	Total Scheduled Air Lines	Other Canadian Carriers	Grand Total Canadian Carriers	Foreign International	GRAND TOTAL
Aircraft Miles - Scheduled	3,576,052	455,534	89,008	15,866,886	19,987,480	249,443	20,236,923	N/A	-
Miles Flown - Revenue	4,711,659	495,977	454,426	15,543,485	21,215,547	10,514,468	31,730,015	1,456,602	33,186,617
Non revenue	365,634	14,317	27,247	1,164,193	1,571,991	1,261,551	2,833,542	12,610	2,845,952
Total	5,077,293	510,894	491,673	16,707,678	22,787,538	11,775,819	34,563,357	1,469,212	36,032,569
Passengers Carried -									
Revenue Originated	115,551	22,659	7,614	400,548	546,372	111,458	657,830	1/ 188,891	846,721
Received from others	4,805	5,506	-	27,419	35,730	-	35,730	11,128	46,858
Company Employees	4,091	257	37	32,810	37,205	-	37,205	2,686	39,891
Other non revenue	273	175	2	1,332	1,682	4,230	5,972	587	6,559
Total	124,720	26,607	7,653	462,009	620,989	115,748	736,737	203,292	940,029
Goods Carried -									
Revenue Originated	10,049,560	508,142	3,010,888	2,020,022	15,588,612	14,435,093	30,023,705	2/ 1,805,030	31,828,735
Rec'd from other carriers	13,565	20,255	-	21,533	55,114	-	55,114	-	55,114
Non revenue	754,846	20,255	3,512	1,073,238	1,831,396	435,909	2,267,305	90,224	2,357,529
Total .. lbs.	10,817,971	528,398	3,014,200	3,114,553	17,475,122	14,871,002	32,346,124	1,895,254	34,241,378
Mail Carried	1,889,085	535,584	118,071	3,230,082	5,770,822	137,953	5,908,775	1,057,120	6,965,895
Passenger Miles -									
Revenue	32,007,856	2,274,312	692,667	179,808,582	214,783,377	8,610,074	223,393,451	14,592,727	237,986,178
Company Employees	1,557,676	22,038	4,675	17,118,430	19,702,819	-	18,702,819	-	18,702,819
Other non revenue	93,550	14,334	296	380,719	489,679	509,668	998,547	257,841	1,256,388
Total	33,659,042	2,310,684	697,638	197,307,711	233,975,675	9,119,742	243,094,817	14,850,568	257,945,385
Ratio of Available Seat Miles to Revenue Passenger Miles 4/ P.C.	50.7	39.7	-	62.1	60.9	-	-	43.7	-
Ton Miles - Goods - Revenue	1,166,007	26,215	153,808	764,105	2,112,135	771,151	2,883,286	102,332	2,985,618
Non revenue ..	168,542	-	272	485,467	652,281	23,444	675,725	8,897	684,622
Total	1,334,549	26,215	154,080	1,247,572	2,764,416	794,595	3,559,011	111,229	3,670,240
Ton Miles - Mail	274,648	16,351	7,516	1,275,909	1,574,424	6,128	1,580,552	65,584	1,646,136
Gasoline Consumed	2,462,389	175,613	152,417	8,084,687	10,825,106	1,797,102	12,622,208	3/ 1,300,245	13,922,451
Cost \$	787,462	42,774	58,022	1,887,281	2,775,539	607,044	3,382,583	-	-
Oil Consumed	35,720	3,203	3,910	97,618	140,451	34,636	175,087	3/ 9,367	184,454
Cost \$	32,284	2,781	3,524	76,922	115,511	36,951	152,462	-	-
Hours Flown - Revenue	32,760	4,369	4,595	92,364	134,088	75,755	209,843	8,870	218,713
Non revenue	2,706	118	276	8,627	11,727	13,557	25,264	74	25,338
Miscellaneous	1,130	-	-	99	1,229	38,182	39,411	-	39,411
Total	36,596	4,487	4,871	101,090	147,044	127,474	274,518	8,944	283,462

1/ Includes 10,674 passengers between foreign stations.

2/ Includes 250,412 lbs. of goods between foreign stations.

3/ Purchased in Canada.

4/ Computed for routes which were primarily scheduled passenger routes.

Table 7

Canadian Carriers	Number	Salaries & Wages	Companies	Number	Salaries & Wages
General Officers	262	\$ 1,223,276	Canadian Pacific Air Lines	1,208	\$ 2,810,258
Clarks and Stenographers	799	1,522,683	Maritime Central	61	138,080
Pilots	363	1,676,668	Central Northern	57	105,773
Co-pilots	177	1,674,937	Trans-Canada Air Lines	3,468	8,700,990
Dispatchers	79	214,644	Total Scheduled	4,794	11,765,111
Communication Operators	459	883,512	Other Air Carriers	951	1,579,825
Stewards and other Attendants	157	300,219	Total Canadian Carriers	5,725	13,334,756
Air Engineers	320	759,791	Foreign International Carriers	(1) 124	339,095
Mechanics	1,891	2,990,443	Non-commercial	23	56,775
Airport Employees	792	1,465,255	Grand Total	5,872	13,710,606
Stores Employees	141	259,446			
Other Employees	525	1,204,122			
Unclassified	260	359,680			
Total	5,725	13,334,756			

(1) Employees domiciled in Canada only.

Table 8

ACCIDENTS, 1947

	Canadian Pacific Air Lines (including Quebec Airways)	Maritime Central	Central Northern	Trans-Canada Air Lines	Total Scheduled Air Lines	Other Canadian Carriers	Grand Total Canadian Carriers	Foreign Inter-national	Non-Commercial Private, etc.	Grand Total
Accidents resulting in Property Damage only	43	-	1	10	54	45	99	-	94	193
Revenue Transportation -										
Number resulting in Death or Injury	1	-	-	1	2	11	13	-	1	14
Number of Persons - Killed - Crew - Pilots ...	-	-	-	2	2	3	5	-	2	7
Other Crew	-	-	-	1	1	-	1	-	-	1
Passengers	-	-	-	12	12	3	15	-	3	18
Total	-	-	-	15	15	6	21	-	5	26
Injured - Crew - Pilots ..	1	-	-	-	1	5	6	-	-	6
Other Crew	-	-	-	-	-	1	1	-	-	1
Passengers	1	-	-	-	1	8	9	-	9	16
Total	2	-	-	-	2	14	16	-	9	25
Non-revenue Transportation -										
Number resulting in Death or Injury	-	-	-	1	1	-	1	-	4	5
Number of Persons - Killed - Crew - Pilots ...	-	-	-	2	2	-	2	-	2	2
Injured	-	-	-	-	-	-	-	-	6	6
Miscellaneous Flying										
Number resulting in Death or Injury	-	-	-	-	-	-	-	-	11	11
Number of Persons - Killed - Crew - Pilots ...	-	-	-	-	-	-	-	-	5	5
Injured	-	-	-	-	-	-	-	-	17	17
Total All Flying -										
Number resulting in Death or Injury	1	-	-	2	3	11	14	-	16	30
Number of Persons - Killed - Crew - Pilots ...	-	-	-	4	4	3	7	-	7	14
Other Crew	-	-	-	1	1	-	1	-	-	1
Passengers	-	-	-	12	12	3	15	-	3	18
Total	-	-	-	17	17	6	23	-	10	33
Injured - Crew - Pilots ..	1	-	-	-	1	5	6	-	23	29
Other Crew	-	-	-	-	-	1	1	-	-	1
Passengers	1	-	-	-	1	8	9	-	6	16
Total	2	-	-	-	2	14	16	-	32	48
Non-Flight Accidents-										
Number resulting in Death or Injury (1)	-	-	-	-	-	5	5	-	-	5
Number of Persons - Killed - Crew - Pilots ...	-	-	-	-	-	-	-	-	-	-
Other Crew	-	-	-	-	-	1	1	-	-	1
Other Persons ...	-	-	-	-	-	1	1	-	-	1
Total	-	-	-	-	-	1	1	-	-	1

(1) Includes 2 glider accidents.

51-202



MINION BUREAU OF STATISTICS

Transportation Division

AIR TRANSPORT BOARD

Economics Division

OTTAWA

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CIVIL AVIATION

20 cents

1948

Introduction

The Bureau of Statistics in collaboration with the Air Transport Board, has published monthly reports since January, 1941, showing certain statistics for each scheduled Canadian carrier and the totals for most of the other air carriers operating in Canada. The current report includes statistics on the same basis as the monthly summaries and, in addition, some statistics for "D" class or specialty carriers. Corrections in the preliminary or monthly summary have been made in this report as derived from the annual reports of each company. Commercial operators are presently divided into four main classes, "A" - scheduled, "B" and "C" - non-scheduled and "D" - specialty carriers, such as aerial survey, training, dusting, etc. Only the "A", "B" and "C" operations are included in the monthly reports on Civil Aviation published by the Bureau. The annual totals, however, include the available data on "D" class carriers. Consequently the preliminary annual report will not agree with the current annual in such items as miles flown, gasoline and oil consumed and their cost, or number of hours flown.

Freight or goods includes freight, express and excess baggage carried, and also mail matter when transported for clients other than the post office department.

Statistics in Table 1 are not comparable throughout as totals for 1948 to 1946 do not include certain non-commercial operations which, however, represent but a small segment of the industry. In fact, the statistics during the war years shown (1942-1945) must be considered with reservations, and only in 1946 does a modern civil aviation industry evolve. Operations in the pre-war period were carried on principally by our renowned "bush fliers" and few inter-city scheduled services were then available. During the war, traffic was controlled both by emergency regulations, non-availability of new planes and equipment and by the absence of qualified personnel who had flocked to the Air Force. Aircraft miles flown in Canada have more than tripled since 1939 when they were slightly under 11 millions. The wartime peak occurred in 1945 at some 20.1 million miles. Regular inter-city commercial service has become commonplace only since 1946. The Trans-Canada Air Lines was being organized when war was declared in 1939 and development up to the end of 1945 was greatly retarded by war conditions. At present, over 80 p.c. of the passenger miles flown are scheduled on inter-city services which did not exist previous to 1939.

Review of 1948 Operations

The total mileage flown by commercial aircraft continued to advance during 1948 with a 6.4 p.c. gain over 1947 and was 35.6 p.c. greater than in 1946, the respective totals being some 38,334,100, 36,032,600 and 28,268,800 miles. The 1948 record is over four times the pre war average of the years 1935 - 1939. Revenue passengers carried during the year exceeded for the first time a million passengers at 1,054,778 compared with 836,047 in 1947, an increase of 218,731 or 26.2 p.c. This is an all time high in the history of Canadian aviation.

Revenue passenger miles aggregated 321,704,118 miles compared with nearly 238,000,000 in 1947, an advance of 35 p.c. Comparison with the gain in aircraft mileage of 6.4 p.c. indicates the use of large capacity planes as well as greater patronage. Illustrating the tremendous growth of the past decade, in 1939 only 21,840,000 revenue passenger miles were logged. The volume of air freight also continued to

advance with a total of 37,262,712 pounds transported during 1948, a gain of 3,021,334 pounds over 1947. Freight between foreign stations rose from 250,412 to 932,923 pounds while revenue freight increased from 31,633,437 to 33,633,045 pounds. Total freight ton miles also rose appreciably over 1947 from 3,670,240 to 5,458,260 ton miles, an increase of nearly 49 p.c.; of this total, revenue ton mileage was a record 4,248,630 compared with 2,985,618 ton miles for 1947.

With the air lift accorded first class mail, new peaks were established in poundage, ton miles and mail revenues, surpassing the war time record of 1943. Pounds of mail carried exceeded 10 million for a gain of 45 p.c. over 1947 volume and equivalent to 5.3 times the 1939 poundage. Mail ton miles advanced from 1,646,136 ton miles in 1947 to a new high of 2,860,796 in the year under review for an increase of nearly 74 p.c.

Aircraft of reporting carriers logged 299,538 hours of flying time compared with 283,462 hours during 1947. Of the 1948 total 230,857 hours were flown on revenue transportation as compared with 218,713 in 1947. Gasoline consumption was 17,030,203 gallons for the year as against 13,922,451 gallons in 1947, a 22.3 p.c. increase. With total mileage up only 6.4 p.c., the use of planes with more and stronger engines is indicated. Oil consumption also showed a gain rising 40,785 gallons over 1947 to 225,239 gallons for the year.

Commercial flying accidents claimed a total of 44 lives during 1948 of which 36 were passengers and 8 crew members. In addition 18 persons were reported injured. This is a worsening from 1947 when 24 were killed and 16 injured, while in 1946, 9 were killed in flying accidents and only 4 in 1945. On a revenue passenger mileage basis one passenger was killed for each 8,936,000 passenger miles flown compared to one per 15,199,000 miles in 1947 and one per 68,925,000 passenger miles during 1946.

Assets of Canadian carriers increased from \$44,433,141 at the end of 1947 to \$51,558,673 as at December 31, 1948. All items of property account increased except buildings and land. Additions were considerably below those of 1947 and were halved at some \$10,484,000 compared with \$21,433,000, while retirements were increased to nearly \$6 million from \$4,162,000.

The Income Account in Table 3 indicates that despite record passenger, freight and mail traffic, most Canadian airlines again had little to show for the year's operations. Rising costs combined to offset the highest revenues in aviation history. Maritime Central alone of the scheduled carriers had a balance to transfer to Profit after payment of Income Taxes.

Total revenues of all Canadian carriers were \$33,712,329 compared with \$26,834,090 in 1947, while expenses advanced from \$29,321,502 to \$34,799,670. Thus revenues were up \$6,878,239 or 24.1 p.c., while expenses rose by \$5,478,168 or 18.7 p.c. Net income for the year 1948 after income tax shows an overall industry deficit of \$1,730,381 compared with \$2,787,482 for 1947 which was a decided improvement.

Passenger revenues at nearly \$18,833,000 for the year represented 56.5 p.c. of total revenues, mail revenues 18.8 p.c. at \$6,274,501, and goods and excess baggage 5.3 p.c. Aircraft operation and maintenance took

\$20,875,000 or 60.0 p.c. of total expenses, ground operations 26.0 p.c., traffic expenses 7.8 p.c., and general administration 5.8 p.c.

The ratio of revenue passenger miles to available seat miles was 65.1 p.c. for scheduled airlines in 1948 against 60.9 p.c. in the preceding year, indicating an encouraging gain in patronage.

The monthly average number of employees in civil aviation for 1948, including those of international carriers domiciled in Canada, was 6,181 compared with 5,872 in 1947. Their earnings at \$16,219,852 for 1948 compare with \$13,710,606 in the previous twelve months, an average increase per employee of \$289.24 or 12.4 p.c.

International Service

Data given in Table 6, etc., on Foreign International carriers cover only their operations over Canadian territory. No financial statistics are available other than salaries and wages paid to employees domiciled in Canada. Overseas services of Trans-Canada Airlines are not detailed in the monthly and preliminary annual statistics. However, the following statistics on Trans-Canada Airlines (Atlantic) operations, as reported to the Air Board, are of interest to show the expansion in overseas service during 1948, while a more complete table is given on page 5 of this report. On May 1, 1947, T.C.A. assumed responsibility for operations previously provided by the Canadian Government Trans-Atlantic Service.

Trans-Canada Airlines - Overseas Services

Statistical Summary

	1 9 4 8	1 9 4 7 ¹
<u>Aircraft Miles Flown</u> - Revenue	4,597,023	2,386,709
- Non-revenue	547,500	149,673
Total	5,144,523	2,536,382
Passengers Carried - Revenue	32,821	15,815
Goods - Ton Miles Flown (Rev.)	984,159	531,007
Mail - Ton Miles Flown	369,535	251,562

¹ May 1, 1947, to December 31, 1947.

Non-Commercial

1. Flying Clubs

There were 36 flying clubs reporting activities for 1948 against 38 one year earlier. Hours flown totalled 35,529 of which 12,162 were dual instruction, 12,429 hours solo instructional, 9,178 recreational and 1,760 non-revenue. An estimated 3,037,749 miles were flown. Fuel consumed cost some \$72,600 and represented 187,300 gallons of gasoline and 5,341 gallons of oil. Employment was accorded to 107 who received \$187,693 in salaries and wages. Club membership was reported to number 4,459 with 1,921 persons receiving

instruction. Some 415 members and pupils passed private pilot tests, 48 secured limited commercial pilot licences, 30 public transport pilots, 6 air engineers and 29 qualified as instructors. A total of 162 aircraft were operated by the clubs with the largest having a fleet of 10.

2. Non-Commercial Carriers

In addition to the regular licensed carriers which numbered 136 reporting operations during 1948, some companies and government departments operated air services. The Hudson Bay Air Transport Ltd., for example, carried company employees and considerable freight during the year with employees carried numbering 2,359 and freight 281,575 pounds. Operating expenses for this company were \$164,910 and included \$24,107 in wages. Forestry and fishery patrols, photographic survey, pest control, instruction and exhibition flights, etc., also were responsible for considerable flying time.

Arrivals by Air

The Immigration Branch of the Mines and Resources Department records arrivals by plane of returning Canadians and tourists, etc., at the principal airports in Canada. A summary table giving this information by provinces for 1947 and 1948 appears below. It is not possible to divide these totals into commercial, non-commercial, private or itinerant planes. This inward traffic has increased tremendously since pre-war and its contribution to our tourist industry is considerable. Totals are not comparable with statistics for foreign international carriers, which include traffic in both directions.

Number of Returning Residents and Tourist Entries
by Plane, 1947 and 1948

Province of Entry	1 9 4 7			1 9 4 8		
	Planes	Returning Canadians	Tourists, etc.	Planes	Returning Canadians	Tourists, etc.
	No.			No.		
Nova Scotia	307	195	659	224	127	501
New Brunswick	1,044	2,487	6,650	862	2,586	6,604
Quebec	4,790	17,583	29,744	4,580	17,544	28,202
Ontario	8,045	27,174	32,414	8,133	33,874	33,777
Manitoba	1,150	2,924	4,513	1,056	2,738	4,929
Saskatchewan	61	19	102	175	66	354
Alberta	981	1,290	7,144	1,425	1,255	11,610
British Columbia	3,788	12,992	22,522	3,847	12,382	25,006
Yukon	/ 888	365	/ 9,292	/ 466	312	/ 4,601
Total	21,054	65,029	113,040	20,818	70,884	115,584

/ Mainly intransit to and from Alaska.

Trans-Canada Air Lines - Overseas Routes /

	(1) 1 9 4 8	May 1, 1947 to Dec. 31, 1947
<u>Operating Revenues</u>		
Passenger	6,771,646	3,912,070
Mail	1,109,731	735,013
Goods	514,217	331,556
Excess Baggage	40,878	19,850
Total Scheduled Services	8,436,472	4,998,489
Charter	2,085,464	417,763
Total Transportation Revenues	10,521,936	5,416,252
Non-transportation Revenues	61,453	(2)
Incidental Revenues - net	277,721	67,046
Total Revenues	10,861,110	5,483,298
<u>Operating Expenses</u>		
Aircraft Operation and Maintenance	5,202,884	1,859,184
Ground Operation and Maintenance	3,245,907	1,700,831
Traffic	1,446,550	786,089
General Administration	596,960	307,078
Passenger Service and Miscellaneous Income	634,135	346,979
Depreciation	1,244,407	341,737
Total Operating Expenses	12,370,843	5,341,898
Operating Deficit	1,509,733	1,141,400
Interest on Capital Invested	240,485	5,097
Deficit	1,750,218	136,303
Aircraft Miles Flown - Revenue	4,671,120	2,386,709
" " " - Non-revenue	452,159	169,703
Total	5,123,279	2,556,412
Revenue Passengers Carried	32,821	15,815
Mail - Ton Miles Flown	369,534	251,562
Goods - Ton Miles Flown	984,159	531,008
Employees - Number	746	-
Salaries and Wages	2,465,807	-

/ Taken from Trans-Canada Air Lines Annual Report, 1948.
(2) Included with "Charter".

(1) Includes Bermuda & Caribbean Services.

Table 1

STATISTICAL SUMMARY OF CIVIL AVIATION, 1942 - 1948

	1942	1943	1944	1945	1946	1947	1948	1949	1950
Aircraft Miles flown - Revenue									
Non revenue	35,852,977	33,186,817	25,844,570	18,018,970	15,568,559	14,584,115	12,781,867	11,055,142	9,231,414
Total	2,481,124	2,815,952	2,422,219	1,468,462	620,803	709,434	547,276	352,859	227,595
Passengers carried - Revenue									
Between foreign stations - Revenue	1,054,778	836,047	802,811	490,809	371,397	282,886	198,205	11,055,142	9,231,414
Company Employees	7,325	10,674	6,673	16,711	20,846	19,381	17,497	11,055,142	9,231,414
Other non revenue	36,820	39,891	21,130	15,283	8,740	9,011	8,961	11,055,142	9,231,414
Total	4,875	6,559	3,226	2,604	2,955	3,364	4,384	11,055,142	9,231,414
Passenger Miles - Revenue									
Company Employees	321,704,118	237,986,178	206,776,408	153,504,833	111,127,010	100,530,892	70,554,377	11,055,142	9,231,414
Other non revenue	19,202,671	18,702,819	8,326,948	5,124,620	2,215,907	1,992,061	1,601,277	11,055,142	9,231,414
Total	1,778,441	1,236,988	442,621	533,992	543,412	867,511	1,059,947	11,055,142	9,231,414
Freight or Goods carried - Revenue									
Between foreign stns. - Rev.	33,633,045	31,633,437	23,656,502	12,615,119	10,522,932	11,546,777	11,055,142	11,055,142	9,231,414
Non revenue	332,923	250,412	181,260	399,639	659,970	791,498	352,859	11,055,142	9,231,414
Total	2,696,744	2,357,529	1,335,998	1,447,642	1,247,743	1,515,288	1,243,938	11,055,142	9,231,414
Freight Ton Miles - Revenue									
Non revenue	4,248,630	2,985,618	1,892,391	1,337,145	1,406,679	1,500,179	1,125,912	11,055,142	9,231,414
Total	1,209,630	684,622	410,360	313,072	261,507	218,141	148,038	11,055,142	9,231,414
Mail carried									
Ton Miles	10,110,252	6,965,895	5,930,338	6,418,944	7,296,285	7,586,809	5,470,209	11,055,142	9,231,414
Hours flown by Aircraft - Transportation Revenue	2,860,796	1,646,136	1,524,919	2,096,289	2,072,129	2,103,867	1,484,314	11,055,142	9,231,414
Non revenue	230,857	218,713	164,049	125,570	105,815	101,169	92,314	11,055,142	9,231,414
Forestry Patrol	20,373	25,338	19,542	12,391	5,308	6,438	5,227	11,055,142	9,231,414
Fishery	()	()	()	6,578	5,351	4,352	4,595	11,055,142	9,231,414
Photography Survey	()	()	()	106	146	115	120	11,055,142	9,231,414
Instruction	48,308	39,411	26,011	585	668	628	559	11,055,142	9,231,414
Exhibition - Miscellaneous	()	()	()	6,750	4,291	3,192	13,690	11,055,142	9,231,414
Total	299,538	263,462	210,202	152,570	122,422	116,662	117,876	11,055,142	9,231,414
Hours flown by Crew									
" " Passengers	(2)	(2)	449,844	369,148	279,943	257,815	235,573	11,055,142	9,231,414
Horse Power Hours Flown by Aircraft (000)	(2)	(2)	1,302,358	1,048,344	712,373	562,337	480,534	11,055,142	9,231,414
Gasoline consumption (Gallons) (1)	17,030,203	15,922,451	11,278,759	7,855,067	183,556	165,487	127,246	11,055,142	9,231,414
Lubricating oil consumption (1)	225,239	184,454	149,829	121,963	6,168,555	5,661,301	4,653,555	11,055,142	9,231,414
Flying Accidents									
Passengers Killed	36	15	3	2	-	2	12	11,055,142	9,231,414
" " Injured	6	9	9	9	-	5	6	11,055,142	9,231,414
Crew Killed	8	8	6	2	-	3	8	11,055,142	9,231,414
" " Injured	12	7	3	4	-	1	4	11,055,142	9,231,414
Other Persons Killed	-	1	-	-	-	-	-	11,055,142	9,231,414
" " Injured	-	-	-	-	-	-	-	11,055,142	9,231,414
Total Killed	44	24	9	4	-	2	20	11,055,142	9,231,414
" " Injured	18	16	12	13	-	6	10	11,055,142	9,231,414

(1) Purchases by Foreign Carriers in Canada included only in 1945 to 1948.

(2) Not Available.

Table 2

GENERAL BALANCE SHEET, 1948

	Canadian Pacific Air Lines (including Quebec Airways)	Maritime Central	Central Northern	Trans-Canada Air Lines (Consolidated)	Total Scheduled Air Lines	Other Canadian Carriers	Grand Total Canadian Carriers
ASSETS							
Current and Accrued Assets	2,825,057	125,293	130,265	8,251,456	11,332,071	1,364,805	12,696,876
Investments	816,258	431	-	61,296	877,985	143,726	1,021,711
Deferred Debits	65,669	21,130	37,852	51,967	176,618	474,154	650,772
Special Funds	-	-	-	3,113,800	3,113,800	4,727	3,118,527
Fixed Assets less Depreciation	4,788,917	125,165	296,144	24,545,850	29,756,076	4,313,638	34,069,714
Total	8,495,901	272,019	464,261	36,024,369	45,256,550	6,301,050	51,557,600
LIABILITIES							
Current and Accrued Liabilities	472,194	113,314	79,208	5,910,841	6,575,557	2,217,663	8,793,220
Long Term Debt	3,699,482	-	-	1,500,000	5,199,482	1,390,220	6,589,702
Deferred Credits	690,596	6,953	2,324	-	699,873	51,395	751,268
Reserves	-	-	-	3,613,528	3,613,528	62,319	3,675,847
Capital Stock	6,063,600	75,200	355,750	25,000,000	31,494,550	2,751,348	34,245,898
Surplus	Dr. 2,429,971	76,552	26,979	-	Dr. 2,326,440	Dr. 171,895	Dr. 2,498,335
Total	8,495,901	272,019	464,261	36,024,369	45,256,550	6,301,050	51,557,600
PROPERTY ACCOUNT, 1948 (Net Value close of Year)							
PROPERTY AND EQUIPMENT							
Aircraft	3,512,726	47,252	199,017	14,650,739	18,409,734	2,349,740	20,759,474
Aircraft Engines	518,790	20,954	43,043	3,632,855	4,215,642	448,174	4,663,816
Aircraft Communication Equipment	-	9,444	3,166	904,283	916,893	55,766	972,659
Miscellaneous Flying Equipment	-	-	3,052	65,400	68,452	47,993	116,445
Total Flying Equipment	4,031,516	77,650	248,278	19,253,277	23,610,721	2,901,673	26,512,394
Miscellaneous Ground Equipment	333,643	20,631	20,314	2,382,935	2,757,523	377,043	3,134,566
Buildings and other Improvements	401,621	26,724	25,511	2,814,638	3,268,484	633,262	3,901,746
Land	22,137	160	2,041	95,009	119,347	201,459	320,806
Grand Total	4,788,917	125,165	296,144	24,545,849	29,756,075	4,113,437	33,869,512
Additions - Retirements - Depreciation - Additions during year	1,965,438	30,553	74,508	6,743,287	8,813,786	1,670,637	10,484,423
Retirements during year	898,967	1,278	29,234	3,866,148	4,795,627	1,203,750	5,999,377
Accrued Depreciation end of year	2,991,053	290,967	106,755	5,390,828	9,279,603	1,645,187	11,124,790

/ Includes Overseas Services.

Table 2.

INCOME ACCOUNT

	Canadian Pacific Air Lines (including Quebec Airways)	Maritime Central	Central Northern	Trans-Canada Air Lines (North America)	Total Scheduled Air Lines	Other Canadian Carriers	Grand Total Canadian Carriers
Total Revenues	6,141,714	549,844	447,408	20,866,937	28,005,903	5,706,426	33,712,329
Total Expenses	6,338,514	499,919	443,024	21,636,169	28,917,426	5,882,244	34,799,670
Net Operating Revenue	Dr. 196,800	49,925	4,384	Dr. 769,232	Dr. 911,523	Dr. 175,818	Dr. 1,087,341
Non-operating Income Total	8,777	-	-	41,095	49,872	27,413	77,285
Gross Income less Operating Expense	Dr. 187,823	49,925	4,384	Dr. 728,137	Dr. 861,651	Dr. 148,405	Dr. 1,010,056
Deductions from Gross Income -							
Miscellaneous Income Charges	124,366	-	-	Dr. 693	123,693	15,815	139,508
Interest on Long Term Debt	-	-	-	425,902	425,902	30,641	456,543
Miscellaneous Interest Charges	3,245	529	-	29,676	33,450	42,631	76,081
Amortization of Discount on Debt	-	-	-	-	-	910	910
Total Deductions	127,651	529	-	454,865	583,045	89,997	873,042
Net Income before Income Tax	Dr. 315,454	49,396	4,384	Dr. 1,183,022	Dr. 1,444,696	Dr. 238,402	Dr. 1,883,098
Income Taxes	-	17,435	(1) 8,200	-	25,635	21,648	47,283
Balance Transferred to Profit and Loss	Dr. 315,454	31,961	Dr. 3,816	Dr. 1,183,022	Dr. 1,470,331	Dr. 260,050	Dr. 1,730,381
PROFIT AND LOSS							
Credits -							
Balance at beginning of year	-	61,331	18,304	-	79,635	302,149	381,784
Balance from Income	-	31,961	-	-	31,961	235,100	267,061
Miscellaneous Credits	-	269	24,111	x 4,302,918	4,327,296	106,711	4,436,009
Total	-	93,561	42,415	x 4,302,918	4,438,694	645,960	5,084,854
Debits -							
Balance at beginning of year	2,114,517	-	-	x 1,369,678	3,484,195	625,227	4,109,422
Balance transferred from Income	315,454	-	3,816	x 2,933,240	3,252,510	497,320	3,749,830
Miscellaneous Debits	-	3,550	4,745	-	8,295	135,562	143,657
Dividends	-	13,459	6,875	-	20,334	-	20,334
Total	2,429,971	17,009	15,436	x 4,302,918	6,765,334	1,257,909	8,023,243
Credit Balance at close of year	-	76,552	26,979	-	103,531	458,484	562,015
Debit Balance at close of year	2,429,971	-	-	-	2,429,971	1,070,433	3,500,404

x - Includes overseas services. Credit is federal grant to cover losses. (1) Tax exceeds net due to non-allowance of expense item claimed.

Table 4

	Canadian Pacific Air Lines (including Quebec Airways)	Maritime Central	Central Northern	Trans-Canada Air Lines	Total Scheduled Air Lines	Other Canadian Carriers	Grand Total Canadian Carriers
REVENUES -							
Passenger	3,226,688	223,827	100,238	14,869,578	18,420,331	412,376	18,832,707
Excess Baggage	28,067	1,659	3,205	124,743	157,674	3,182	160,856
Mail	1,402,609	160,783	35,298	4,648,775	6,247,465	27,036	6,274,501
Goods	662,349	8,317	96,237	764,176	1,531,079	88,871	1,619,950
Chartered Services	195,420	60,153	184,915	99,321	539,809	3,201,230	3,741,039
Other Air Services	274,782	91,978	20,667	479	387,906	1,403,626	1,791,532
Total	5,789,915	546,717	440,560	20,507,072	27,284,264	5,136,321	32,420,585
Incidental Revenues, net	351,799	3,127	6,848	359,865	721,639	570,105	1,291,744
Grand Total	6,141,714	549,844	447,408	20,866,937	28,005,903	5,706,426	33,712,329

Table 5

EXPENSES							
Aircraft Operation and Maintenance ...	3,682,488	317,932	295,988	12,415,893	16,712,301	4,162,232	20,874,533
Ground Operation and Maintenance	1,773,338	112,188	91,328	6,143,249	8,120,103	936,134	9,056,237
Traffic Expenses	359,311	17,717	9,148	2,197,072	2,583,248	130,783	2,714,031
General Administration	496,812	50,606	41,586	789,392	1,378,396	629,881	2,008,277
General Taxes	26,365	1,476	4,974	90,563	123,378	23,214	146,592
Grand Total	6,338,314	499,919	443,024	21,636,169	28,917,426	5,882,244	34,799,670

/ North American Service only.

Table 6

	Canadian Pacific Air Lines (including Quebec Airways)	Maritime Dominion	Central Canadian	Trans-Canada Air Lines	Total Scheduled Air Lines	Other Canadian Carriers	Grand Total Canadian Carriers	Foreign Inter-national	GRAND TOTAL
Aircraft Miles - Scheduled	4,224,662	403,083	162,325	14,454,200	18,805,230	-	19,805,230	N/A	-
Miles Flown - Revenue	4,758,828	562,078	568,581	15,270,649	21,260,136	13,320,807	34,580,943	1,272,034	35,852,977
Non-revenue	192,986	13,244	31,974	1,056,742	1,301,946	1,156,121	2,460,967	21,057	2,481,124
Total	4,951,814	581,522	600,555	16,327,391	22,862,082	14,478,928	37,041,010	1,293,091	38,334,101
Passengers Carried - Revenue Originated	150,418	24,509	10,070	504,342	677,336	163,601	840,937	(1) 175,617	1,016,554
Received from others (Revenue)	7,476	3,781	-	28,213	39,470	-	39,470	6,079	45,549
Company Employees	2,940	372	84	30,988	34,590	-	34,590	2,450	36,820
Other non revenue	346	-	-	612	958	3,393	4,351	524	4,875
Total	149,183	28,662	10,154	564,155	752,154	166,994	919,148	184,650	1,103,798
Goods Carried (6) - Revenue Originated	7,306,106	1,474,243	3,194,280	4,289,555	16,266,184	15,632,101	31,898,285	(2) 2,620,483	34,518,768
Received from other carriers (rev.)	1,547	21,911	-	23,742	47,200	-	47,200	-	47,200
Non revenue	624,768	1,400	10,885	1,811,054	2,448,107	203,321	2,651,428	45,316	2,696,744
Total	7,934,421	1,497,554	3,205,165	6,124,351	18,761,491	15,835,422	34,596,913	2,665,799	37,262,712
Mail Carried	1,892,705	490,399	166,777	6,156,214	8,792,095	131,587	8,923,682	1,216,570	10,110,252
Passenger Miles - Revenue	42,388,078	2,815,149	890,507	249,575,544	295,669,278	12,394,038	307,963,316	13,740,802	321,704,118
Company Employees	114,490	29,380	9,695	19,049,106	19,202,671	-	19,202,671	-	19,202,671
Other non revenue	1,128,698	-	-	82,905	1,211,503	373,759	1,585,262	193,179	1,778,441
Total	43,631,266	2,844,529	900,202	268,707,455	316,033,452	12,667,797	328,751,249	13,933,981	342,685,230
Ratio of Available Seat Miles to Revenue Passenger Miles (4) P.C.	46.9	37.3	-	67.8	65.1	-	-	46.3	-
Ton Miles - Goods - Revenue	914,808	164,565	149,911	1,808,102	2,837,386	1,069,388	3,906,774	341,856	4,248,630
Non revenue	153,967	117	703	1,034,219	1,189,012	16,857	1,205,869	3,761	1,209,630
Total	1,068,775	164,682	150,620	2,842,321	4,026,398	1,086,245	5,112,643	345,617	5,458,260
Ton Miles - Mail	327,777	20,947	10,174	2,294,088	2,652,986	7,320	2,660,306	200,490	2,860,796
Gasoline Consumed	2,563,391	257,483	187,654	10,888,527	13,697,055	2,257,349	15,954,404	(3) 1,075,799	17,030,203
Cost \$	937,975	74,696	79,815	3,163,982	4,256,468	863,645	5,120,113	-	5,983,758
Oil Consumed	30,564	4,406	4,366	137,060	176,396	41,857	218,253	(3) 6,987	225,239
Cost \$	31,612	4,230	3,790	120,463	160,095	46,213	206,508	-	206,508
Hours Flown - Revenue	33,611	4,265	5,603	85,833	129,312	93,912	223,224	7,633	230,857
Non revenue	1,427	165	326	5,990	7,908	12,345	20,253	120	20,373
Miscellaneous	648	680	-	4	1,332	46,975	48,307	1	48,308
Total	35,686	5,110	5,929	91,827	138,552	153,232	291,784	7,754	299,538

- (1) Includes 7,325 passengers between foreign stations.
 (2) Includes 932,923 lbs. of goods between foreign stations.
 (3) Purchased in Canada.
 (4) Computed for routes which were primarily scheduled passenger routes.
 (5) Includes 546,353 lbs. between foreign stations.
 (6) Includes excess baggage.
 * North American service only.

Table 7
CIVIL AVIATION, 1948
EMPLOYEES, SALARIES AND WAGES

Canadian Carriers	Number	Salaries & Wages \$	Companies	Number	Salaries & Wages \$
General Officers	356	1,612,845	Canadian Pacific Air Lines	993	2,624,626
Clerks and Stenographers	855	1,506,323	Maritime Central	67	173,055
Pilots	352	1,899,500	Central Northern	58	159,950
Co-pilots	153	642,314	Trans-Canada Air Lines	3,974	(2) 10,946,546
Dispatchers	72	225,507	Total Scheduled	5,092	13,995,277
Communication Operators	428	887,627	Other Air Carriers	891	1,963,214
Stewards and other Attendants	175	343,334	Total Canadian Carriers	5,983	15,768,491
Air Engineers	279	782,385	Foreign International Carriers	91	263,668
Mechanics	1,495	3,942,660	Non-commercial	107	187,893
Airport Employees	639	1,575,363	Grand Total	6,181	16,219,852
Stores Employees	168	346,298			
Other Employees	806	1,838,700			
Unclassified	203	366,535			
Total	5,983	15,768,491			

(1) Employees domiciled in Canada only. (2) Includes some overseas.

Table 8
ACCIDENTS, 1948

	Canadian Pacific Air Lines (including Quebec Airways)	Maritime Central	Central Northern	Trans-Canada Air Lines	Total Scheduled Air Lines	Other Canadian Carriers	Grand Total Canadian Carriers	Foreign International	Non-Commercial Private, etc. (3)
Accidents resulting in Property Damage only	16	2	3	5	26	54	80	-	-
Revenue Transportation -									
Number resulting in Death or Injury	-	-	-	2	2	12	14	-	-
Number of Persons - Killed - Crew - Pilots	-	-	-	-	-	2	2	-	-
Other Crew	-	-	-	-	-	-	-	-	-
Passengers	-	-	-	-	-	30	30	-	-
Total	-	-	-	-	-	32	32	-	-
Injured - Crew - Pilots	-	-	-	-	-	6	6	-	-
Other Crew	-	-	-	-	-	1	1	-	-
Passengers	-	-	-	2	2	4	6	-	-
Total	-	-	-	2	2	11	13	-	-
Non-revenue Transportation -									
Number resulting in Death or Injury	-	-	-	-	-	3	3	-	-
Number of Persons - Killed - Crew - Pilots	-	-	-	-	-	-	-	-	-
Other Crew	-	-	-	-	-	3	3	-	-
Passengers	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-
Miscellaneous Flying -									
Number resulting in Death or Injury	-	-	-	-	-	9	8	-	-
Number of Persons - Killed - Crew - Pilots	-	-	-	-	-	12	12	-	-
Other Crew	-	-	-	-	-	2	2	-	-
Passengers	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-
Total All Flying -									
Number resulting in Death or Injury	-	-	-	2	2	23	25	-	-
Number of Persons - Killed - Crew - Pilots	-	-	-	-	-	8	8	-	-
Other Crew	-	-	-	-	-	-	-	-	-
Passengers	-	-	-	-	-	30	36	-	-
Total	-	-	-	-	-	44	44	-	-
Injured - Crew - Pilots	-	-	-	-	-	11	11	-	-
Other Crew	-	-	-	-	-	1	1	-	-
Passengers	-	-	-	2	2	4	6	-	-
Total	-	-	-	2	2	16	18	-	-
Non-Flight Accidents -									
Number resulting in Death or Injury (2)	-	-	-	4	4	-	4	-	-
Number of Persons - Killed - Crew - Pilots	-	-	-	-	-	-	-	-	-
Other Crew	-	-	-	-	-	-	-	-	-
Other Persons	-	-	-	-	-	-	-	-	-
Total	-	-	-	4	4	-	4	-	-

(1) Includes 6 passengers.

(2) 4 passengers injured.

(3) No report received for 1948.



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CIVIL AVIATION

[Annual]

1949

Preamble

Under the joint masthead of the Bureau of Statistics and the Air Transport Board, monthly reports on Civil Aviation in Canada are issued regularly giving the principal statistics on the operations of each scheduled Canadian carrier and the totals for the majority of the other air carriers operating in Canada. The current report includes statistics on the same basis as the monthly summaries and, in addition, some statistics for "D" class or specialty carriers. Corrections in the preliminary or monthly summary have been made in this report as derived from the annual reports of each company. Commercial operators are presently divided into four main classes, "A" - scheduled, "B" and "C" - non-scheduled and "D" - specialty carriers, such as aerial survey, training, dusting, etc. Only the "A", "B" and "C" operations are included in the monthly reports on Civil Aviation published by the Bureau. The annual totals, however, include the available data on "D" class carriers. Consequently the preliminary annual report will not agree with the current annual in such items as miles flown, gasoline and oil consumed and their cost, or number of hours flown, etc.

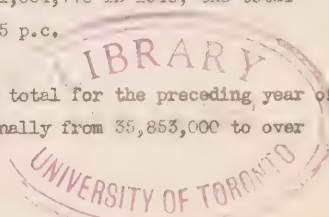
Freight or goods includes freight, express and excess baggage carried, and also mail matter when transported other than under the post office department contract.

Statistics in Table 1 are not comparable throughout as totals for 1949 to 1946 do not include certain non-commercial operations which, however, represent but a very small segment of the industry. In fact, the statistics during the war years shown (1943-1945) must be considered with reservations, and only in 1946 does a modern civil aviation industry evolve. Operations in the pre-war period were carried on principally by our renowned "bush fliers" and few inter-city scheduled services were then available. During the war, the volume of traffic was controlled by emergency regulations, non-availability of new planes and equipment and by the absence of qualified personnel who had flocked to the Air Force. Aircraft miles flown in Canada have more than tripled since 1939 when they were slightly under 11 millions. The wartime peak occurred in 1945 at some 20.1 million miles. Regular inter-city commercial service has become commonplace only since 1946. The Trans-Canada Air Lines was being organized when war was declared in 1939 and development up to the end of 1945 was greatly retarded by war conditions. At present, over 80 p.c. of the passenger miles flown are scheduled on inter-city services which did not exist previous to 1939. By the end of 1949 some \$675 millions had been invested in the development of airports, airways, flying facilities, etc.

Review of 1949 Operations

A feature of 1949 was the advance registered by scheduled operators while the smaller carriers generally reported reduced activity as they numbered 31 fewer than at the end of 1948. Total revenue mileage flown by all commercial aircraft during 1949 totalled 35,925,311 miles, a slight gain over the 35,852,977 miles shown for 1948. Non-revenue flying was down from 2,481,124 to 1,821,675 miles. Good increases over the previous year were recorded in revenue miles flown by scheduled Canadian carriers and by foreign international airlines while the mileage of other Canadian carriers declined. The year's mileage was over fourfold the average shown for the years 1935 - 1939. The number of revenue passengers carried, a new all-time high at 1,211,149, compares with 1,054,778 in 1948, the total eliminating those between foreign stations. The advance was thus 156,371 or nearly 15 p.c.

Revenue passenger miles amounted to 392,507,141, a gain of 22 p.c. over the total for the preceding year of 321,704,118 miles. Miles flown by aircraft on revenue service increased only fractionally from 35,853,000 to over



35,925,000 miles, indicating the use of larger capacity planes when related to the advance of 22 p.c. in passenger miles. Revenue passenger mileage for 1949 was nearly 18 times that shown for 1939, representing the prodigious progress made towards the general acceptance of air travel by the Canadian public within a decade. Average journey was some 324 miles during 1949 compared with 305 miles for 1948. The total weight of goods carried by all lines at 37,097,767 pounds was down slightly from 1948 volume. Revenue freight reported by Canadian carriers totalled 30,637,128 pounds or 1,308,357 pounds under 1948 with the scheduled carriers showing the largest loss. However, revenue goods ton miles registered an encouraging gain of nearly 10 p.c. with a total of 4,669,861 against 4,248,630 ton miles in the previous year, indicating a considerably longer lift per pound.

Air mail carried increased to 13,506,220 pounds, a rise of 33.6 p.c. or 3,395,968 pounds more than transported by air in 1948, the previous record year. Mail ton miles advanced from 2,860,796 to 4,108,488 ton miles, up 43.6 p.c. over the preceding year as first class mail was accorded all convenient air service.

Aircraft flying time was reduced from 1948 when 299,538 hours were logged to 280,321 hours. Both revenue and non-revenue time were lower while miscellaneous was up fractionally. Revenue hours totalled 217,163 against 230,857 hours as larger, more powerful, faster planes came into scheduled service during 1949. Total gasoline consumption, reflecting this trend, rose from 17,030,203 to 19,553,576 gallons. The cost to Canadian carriers for their 18,366,775 gallons was \$5,985,322 compared with \$5,120,113 for 15,954,404 gallons purchased in 1948. The average price per gallon thus rose from 32.1 cents in 1948 to 32.6 cents during the period under review. Oil consumption was also heavier at 252,376 gallons against 225,239 gallons in 1948, up 12 p.c., with average cost at \$1.09 against \$1.05 per gallon in the preceding year.

Commercial flying accidents took 42 lives during 1949, two less than in 1948 and 30 were injured against 18 one year earlier. The total for 1949 of 42 fatalities includes 23 deaths which were adjudged as murder. Passengers injured numbered 18 compared with 6 in 1948 while 12 crew were injured, the same number as during the preceding year. Passengers killed totalled 30 against 36 in 1948 while 12 crew died compared with 8 in the same comparison.

Assets of Canadian carriers were valued at \$51,879,610 against \$51,557,600 at the end of 1948. Investments and Fixed Assets less Depreciation were lower while Current and Accrued Assets, Deferred Debits and Special Funds advanced over 1948. The property and equipment account showed \$32,749,042 compared with \$33,869,512 one year earlier, with the bulk of the decline in aircraft account. Additions during the year were placed at \$5,257,957 against \$10,484,423 in 1948 and \$21,453,000 in 1947. Retirements were considerably reduced from 1948 when \$5,999,377 was shown compared with \$1,748,269 in 1949. In the previous year T.C.A. had retired and sold their Lockheed Lodestars, as well as three DC-3 Douglas aircraft. Accrued depreciation for all carriers at the end of 1949 was placed at \$14,813,239, up \$3,688,449 over December 31, 1948.

The Income Account (Table 3) reveals another year of unprofitable operation for the industry as a whole despite new records established in most phases of scheduled traffic. Costs of operation rose in step with revenues. The balance transferred to Loss totalled \$2,081,544 compared with \$1,730,381 for 1948 operations, a loss of \$2,787,482 in 1947 and \$753,693 in 1946. Total revenues reported by Canadian carriers were \$39,581,021 for 1949, up 17.4 p.c. or \$5,868,692 from the previous year but expenses rose to \$40,380,598 from \$34,799,670, a jump of \$5,580,928. Gross income less operating expenses showed improvement from 1948 but miscellaneous income charges and interest were up sharply. Canadian Pacific Air Lines debited \$806,337 under miscellaneous income charges compared with \$124,386 for 1948.

In Table 4 revenues from passenger service are shown as \$24,505,122 and compare with \$18,832,707 in 1948 and \$13,571,027 in 1947. Excess baggage receipts were heavier while mail pay increased from \$6,274,501 to \$7,082,534. Freight earned \$1,862,330, a gain of \$242,380 over that received in 1948. Chartered services and other air services had reduced

revenue, while incidental revenue eased \$57,603 to \$1,244,141. Passenger fares supplied 61.9 p.c. of total revenues while mail brought 18 p.c. All expenses accounts advanced. Aircraft operation and maintenance took 59 p.c. of operating expenses or \$23,819,397 compared with \$20,874,533 one year earlier. Ground expenses totalled \$10,006,331, up nearly \$1 million while traffic expenses climbed from \$2,714,031 to \$3,812,061 or by 40.5 p.c. General administration required \$2,547,642 or almost \$540,000 more than in 1948. Taxes at \$195,169 compare with \$146,592 in the preceding year.

For scheduled Canadian carriers the percentage of seat occupancy was 64.4 p.c. compared with 65.1 p.c. in 1948 and 60.9 p.c. in 1947. Foreign international lines, while improving, did not fare as well as domestic operators, and occupancy on their Canadian flights, based on the ratio of revenue passenger miles to available seat miles, was 50.2 p.c. against 46.3 p.c. in 1948 and 43.7 p.c. in 1947.

Employment returns for 1949 showed a monthly average of 6,701 employees on the payroll of all companies operating in Canada including foreign international and non-commercial lines. This is an increase of 520 or 8.4 p.c. over 1948 and 829 more than in 1947. General officers numbered 400 for 1949 against 356 in 1948, clerks and stenographers were up from 855 to 950, air engineers from 279 to 345 and mechanics from 1,495 to 1,666. The number of pilots eased from 352 to 339 but co-pilots totalled 174 against 153 in 1948. The character of civil aviation operations in Canada has changed involving the addition of specialized personnel and larger administrative staffs. The pilot is no longer a combination of general officer, mechanic, air engineer, ticket taker, steward & bookkeeper, as well as traffic solicitor in his spare time. There are now nearly 12 other employees on scheduled lines for every pilot and co-pilot. In 1939 this ratio was less than 5 to 1. Total salaries and wages earned by the 6,701 aviation employees in 1949 reached \$19,540,001 compared with \$16,219,852 for 6,181 employees in 1948. The average earnings were thus \$2,916 in 1949, up 11.1 p.c. over the average of \$2,624 in the preceding year, and compare with \$2,335 in 1947. The salary and wage bill took 48.4 p.c. of total expenses for the year under review and 49.4 p.c. of revenues. In 1948, 46.6 p.c. of operating expenses were attributed to salaries and wages.

International Service

Statistics shown for foreign international carriers in Table 6, etc., cover their operations over Canadian territory only. No financial data were supplied other than salaries and wages paid to employees domiciled in Canada. Overseas routes of Trans-Canada are covered in a special table on page 5. The deficit for 1949 was \$2,998,149 compared with \$1,750,218 in the previous year. Charter service revenues were down sharply due to the reduction in large scale immigration by air but scheduled services receipts improved over 1948 from \$8,486,472 to \$9,121,605. Pay-roll chargeable to operating expenses, as well as the price of materials and supplies, increased considerably, in line with a similar experience for domestic lines. The tightening currency situation in the sterling area adversely affected traffic during the year. T.C.A.'s overseas routes totalled 8,303 miles at year end, reaching to the British Isles, Bermuda and the Caribbean.

Non-Commercial

1. Flying Clubs

As in 1948, there were 36 flying clubs reporting their operations for 1949. Hours flown increased from 35,529 to 35,808, of which 12,091 hours were dual instruction, 12,195 hours solo, 10,029 recreational and 1,493 non-revenue. The estimated mileage flown was 3,114,647 compared with 3,037,749 miles in 1948. Some 215,611 gallons of gasoline and 4,164 gallons of oil were consumed by the clubs at a cost of nearly \$86,200. Employees numbered 110 and received \$216,761 in salary and wage payments. Club membership increased from 4,459 in 1948 to 4,808 but fewer members were receiving instruction. Private pilots licensed through the clubs numbered 291, while 52 secured limited commercial permits and 18, public transport licences. Three qualified as air engineers and 28 as instructors. The clubs operated 122 planes during the year.

2. Non-Commercial Carriers

Besides the regular licensed carriers which numbered 106 at the end of 1949, there were companies and government departments operating their own air services. The Hudson Bay Air Transport Ltd., for example serviced the mining company and flew 117,545 miles on non-revenue flights and carried 2,402 company employees. Freight carried totalled 371,354 pounds and freight ton miles, 10,363. Operating expenses were nearly \$161,800 including \$26,828 in wages. A New York and Boston company flies lobsters and oysters in season to those markets from Prince Edward Island while in the northern Prairie provinces and Northwest Territories fresh fish is also flown to American customers. Forestry and fishery patrols, photographic survey work, pest control, instructional and exhibition flights, etc., were also responsible for considerable flying time that is not reported.

Arrivals by Air

Plane and passenger arrivals are recorded by Immigration officials at the principal airports of Canada and embrace both returning Canadians and foreign tourists, etc., crossing the international borders or from overseas. The summary table below divides such arrivals by the province in which the first landing was made. It is not possible to segregate into commercial, non-commercial, private or itinerant planes. This traffic has increased steadily in the years since the end of the war and is quite important to the tourist industry. Totals are not comparable with foreign international company data which include traffic in both directions. Tourists, etc., arriving by air have risen from 113,040 in 1947 to 135,746 during 1949, while returning Canadians increased from 65,029 to 90,719 in the same comparison.

Number of Returning Residents and Tourist Entries
by Plane, 1948 and 1949

Province of Entry	1 9 4 8			1 9 4 9		
	Planes	Returning Canadians	Tourists, etc.	Planes	Returning Canadians	Tourists, etc.
	No.			No.		
Newfoundland	-	-	-	754	645	1,050
Prince Edward Island	-	-	-	2	2	6
Nova Scotia	224	127	501	185	194	609
New Brunswick	862	2,586	6,604	874	3,122	7,077
Quebec	4,580	17,544	28,202	5,356	22,005	33,522
Ontario	8,183	33,874	33,777	8,367	43,917	42,601
Manitoba	1,056	2,738	4,929	1,105	3,588	6,447
Saskatchewan	175	66	354	159	75	248
Alberta	1,425	1,255	11,610	1,400	1,326	9,815
British Columbia	3,847	12,382	25,006	3,951	15,504	27,461
Yukon	/ 466	312	/ 4,601	/ 651	341	/ 6,910
Total	20,818	70,884	115,584	22,804	90,719	135,746

/ Mainly intransit to and from Alaska.

Trans-Canada Air Lines - Overseas Routes /

	1 9 4 9	1 9 4 8
<u>Operating Revenues</u>	\$	\$
Passenger	7,095,687	6,771,646
Mail	1,178,654	1,109,731
Goods	792,243	514,217
Excess Baggage	55,019	40,878
Total Scheduled Services	9,121,603	8,436,472
Charter	878,842	2,085,464
Total Transportation Revenues	1,000,445	10,521,936
Non-transportation Revenues	15,433	61,453
Incidental Revenues - net	206,509	277,721
Total Revenues.....	10,222,387	10,861,110
<u>Operating Expenses</u>		
Aircraft Operation and Maintenance	5,135,086	5,202,884
Ground Operation and Maintenance	3,645,571	3,245,907
Traffic	1,435,139	1,446,550
General Administration	667,786	596,960
Passenger Service and Miscellaneous Income	718,804	634,135
Depreciation	1,227,369	1,244,407
Total Operating Expenses.....	12,829,755	12,370,843
Operating Deficit	2,607,368	1,509,733
Interest on Capital Invested	290,781	240,485
Deficit	2,898,149	1,750,218
Aircraft Miles Flown - Revenue	4,158,523	4,671,120
" " " - Non-revenue	354,809	452,159
Total	4,513,332	5,123,279
Revenue Passengers Carried	36,512	32,821
Mail - Ton Miles Flown	404,903	369,534
Goods - Ton Miles Flown	1,635,996	984,159
Employees - Number	603	746
Salaries and Wages\$	2,150,696	2,465,807

/ Taken from Trans-Canada Air Lines Annual Reports and includes Bermuda & Caribbean Services.

STATISTICAL SUMMARY OF CIVIL AVIATION, 1943 - 1949

Table 1

	1949	1948	1947	1946 ⁽³⁾	1945	1944	1943
Aircraft Miles flown - Revenue	35,925,311	35,852,977	33,186,617	25,844,570	18,618,970	15,568,559	14,584,115
Non-revenue	1,821,675	2,481,124	2,845,952	2,844,219	1,468,462	620,803	709,434
Total	37,746,986	38,334,101	36,032,569	28,268,789	20,087,432	16,189,362	15,293,549
Passenger Miles carried - Revenue	1,211,149	1,054,778	836,047	802,811	490,809	371,397	282,886
(Originated)	1,093	7,325	10,674	6,673	16,711	20,846	19,581
Company Employees	41,543	36,820	39,891	21,150	15,283	8,740	9,011
Other non-revenue	4,220	4,875	6,559	3,226	2,604	2,955	3,564
Total	1,267,865	1,105,798	893,171	833,840	525,407	403,938	314,642
Passenger Miles - Revenue	392,507,141	321,704,118	237,886,178	206,776,408	153,504,833	111,127,010	100,530,892
Company Employees	22,490,639	19,202,671	18,702,819	8,326,948	5,124,620	2,215,907	1,992,061
Other non-revenue	1,391,683	1,778,441	1,256,388	442,621	533,992	543,412	867,511
Total	416,389,463	342,685,230	257,845,385	215,545,977	159,163,445	113,886,329	103,390,464
Freight or Goods carried - Revenue	32,852,373	33,633,045	31,633,437	23,656,502	12,615,119	10,522,932	11,546,777
Between foreign stns.-Rev. "	1,013,025	932,923	250,412	181,280	399,639	659,970	791,498
Non-revenue	3,232,369	2,636,744	2,557,529	1,335,998	1,447,642	1,247,743	1,515,288
Total	37,097,767	37,262,712	34,241,378	25,173,780	14,462,400	12,430,645	13,853,563
Freight Ton Miles - Revenue	4,669,861	4,248,630	2,985,618	1,892,391	1,337,145	1,406,679	1,500,179
Non-revenue	1,645,052	1,209,630	684,622	410,560	313,072	261,507	218,141
Total	6,314,913	5,458,260	3,670,240	2,302,951	1,650,217	1,668,186	1,718,320
Mail carried	13,506,220	10,110,252	6,965,895	5,930,338	6,418,944	7,296,265	7,586,809
Ton Miles	4,108,488	2,860,796	1,646,136	1,534,919	2,096,289	2,072,129	2,103,867
Hours flown by Aircraft - Transportation Revenue	217,163	230,857	218,713	164,649	125,570	105,815	101,169
Non-revenue	15,162	20,373	25,338	19,542	12,391	5,308	6,438
Forestry Patrol	()	()	()	()	6,578	5,351	4,352
Fishery "	()	()	()	()	106	146	115
Photography Survey	()	()	()	()	585	668	628
Instruction	()	()	()	()	6,750	4,291	3,192
Exhibition - Miscellaneous	()	()	()	()	590	843	768
Total	242,725	299,558	283,462	210,202	152,570	122,422	116,662
Hours flown by Crew	(2)	(2)	(2)	449,844	369,148	279,943	257,815
" " Passengers	(2)	(2)	(2)	1,502,358	1,048,544	712,373	562,337
Horse Power Hours Flown by Aircraft (000)	(2)	(2)	(2)	(2)	216,288	183,556	165,487
Gasoline consumption	16,987,122	17,030,203	13,922,451	11,278,759	7,855,067	6,169,355	5,661,301
Lubricating oil consumption	227,382	225,239	184,454	149,829	121,963	100,240	117,050
Flying Accidents							
Passengers Killed	30	36	15	3	2	-	2
" " Injured	18	6	9	9	9	5	3
Crew Killed	12	8	8	6	2	2	3
" " Injured	12	12	7	3	4	1	1
Other Persons Killed	-	-	1	-	-	-	3
" " Injured	-	-	-	-	-	-	-
Total Killed	(4)	44	24	9	4	2	8
" " Injured	30	18	16	12	13	6	4

(1) Purchases by Foreign Carriers in Canada included from 1945.

(2) Not Available.

(3) Revised to exclude non-commercial not included subsequently.

(4) Twenty three deaths were adjudged as murder.

Table 2

GENERAL BALANCE SHEET, 1949

	Canadian Pacific Air Lines (including Quebec Airways)	Central Northern	Maritime Central	Queen Charlotte	Trans-Canada Air Lines / (Consolidated)	Total Scheduled Air Lines	Other Canadian Carriers	Grand Total Canadian Carriers
ASSETS								
Current and Accrued Assets.....	3,078,840	170,478	87,969	89,215	9,467,583	12,894,085	1,373,154	14,267,239
Investments	56,298	-	50,431	-	12,576	119,305	153,384	272,689
Deferred Debits	185,383	37,667	19,191	11,372	81,557	335,190	391,219	726,409
Special Funds	-	-	1,692	-	3,659,708	3,661,400	3,339	3,664,739
Fixed Assets less Depreciation ...	7,490,491	199,733	84,534	170,926	21,118,165	29,063,849	3,884,665	32,948,514
Total	10,811,012	407,898	243,817	271,513	34,339,589	46,073,829	5,805,781	51,879,610
LIABILITIES								
Current and Accrued Liabilities ..	1,386,189	31,766	128,024	98,750	5,098,323	6,743,062	2,089,318	8,832,370
Long Term Debt	2,180,000	-	-	40,694	-	2,220,694	1,423,172	3,643,866
Deferred Credits	951,827	1,042	6,879	-	-	959,748	32,883	992,631
Reserves	-	-	-	-	4,241,266	4,241,266	71,056	4,312,322
Capital Stock	9,000,000	355,750	60,000	85,500	25,000,000	34,501,250	2,628,158	37,129,408
Surplus	Cr. 2,707,004	19,340	48,914	46,569	-	Cr. 2,592,181	Cr. 438,806	Cr. 3,030,987
Total	10,811,012	407,898	243,817	271,513	34,339,589	46,073,829	5,805,781	51,879,610
PROPERTY ACCOUNT, 1949 (Net value close of Year)								
PROPERTY AND EQUIPMENT								
Aircraft	4,835,476	118,943	19,740	52,999	11,977,107	17,004,265	2,077,265	19,081,530
Aircraft Engines	1,438,849	27,826	15,359	8,245	3,047,130	4,537,408	361,691	4,899,099
Aircraft Communication Equipment ..	-	1,482	5,449	5,370	691,646	703,947	40,920	744,867
Miscellaneous Flying Equipment ..	-	2,257	-	-	50,647	52,804	33,973	86,777
Total Flying Equipment ..	6,274,325	150,307	40,548	66,614	15,766,430	22,298,424	2,513,849	24,812,273
Miscellaneous Ground Equipment ..	476,909	17,285	17,488	13,764	2,413,275	2,938,751	390,698	3,329,429
Buildings and other Improvements ..	725,452	29,880	25,338	-	2,938,462	3,720,142	668,419	4,388,561
Land	13,806	2,041	160	-	-	16,007	202,772	218,779
Grand Total	7,490,432	189,733	84,534	80,378	21,118,167	28,973,304	3,775,788	32,749,042
Additions - Retirements - Depreciation-Additions during year...	2,982,098	71,129	23,232	41,316	882,244	4,000,019	1,257,938	5,257,957
Retirements during year	989,836	131,617	8,050	55,720	Cr. 335,626	849,597	898,672	1,748,269
Accrued Depreciation end of year ..	2,281,740	142,673	345,780	80,786	9,865,128	12,717,112	2,096,127	14,813,239

* Includes Overseas Services

Table 3

INCOME ACCOUNT

	Canadian Pacific Air Lines (including Quebec Airways)	Central Northern	Maritime Central	Queen Charlotte	Trans-Canada Air Lines (North America)	Total Scheduled Air Lines	Other Canadian Carriers	Grand Total Canadian Carriers
Total Revenues	6,513,068	409,740	494,600	624,747	26,523,969	34,566,124	5,014,897	39,581,021
Total Expenses	6,029,567	420,201	439,374	603,854	27,573,918	35,066,914	5,313,684	40,380,598
Net Operating Revenue	483,501	Dr. 10,461	55,226	20,893	Dr. 1,049,949	Dr. 500,790	Dr. 298,787	Dr. 799,577
Non-operating Income Total	13,924	6,497	-	-	54,718	75,139	26,799	101,938
Gross Income less Operating Expense	497,425	Dr. 3,964	55,226	20,893	Dr. 995,231	Dr. 425,651	Dr. 271,988	Dr. 697,639
<u>Deductions from Gross Income -</u>								
Miscellaneous Income Charges	806,337	-	-	-	Cr. 52,036	754,301	18,328	772,629
Interest on Long Term Debt	1,211	-	-	1,861	470,685	473,757	36,109	509,866
Miscellaneous Interest Charges	3,348	-	1,797	-	5,564	10,709	67,854	78,563
Amortization of Discount on Debt	-	-	-	-	-	-	4,268	4,268
Total Deductions	810,896	-	1,797	1,861	424,213	1,239,767	126,559	1,365,326
Net Income before Income Tax	Dr. 313,471	Dr. 3,964	53,429	19,032	Dr. 1,419,444	Dr. 1,664,418	Dr. 398,547	Dr. 2,062,965
Income Taxes	-	Cr. 3,200	18,200	-	-	15,000	3,579	18,579
Balance Transferred to Profit and Loss	Dr. 313,471	Dr. 764	35,229	19,032	Dr. 1,419,444	Dr. 1,679,418	Dr. 402,126	Dr. 2,081,544
<u>PROFIT AND LOSS</u>								
<u>Credits -</u>								
Balance at beginning of year	-	26,979	76,552	5,606	-	109,137	394,167	503,304
Balance from Income	-	-	35,229	19,032	-	54,261	148,461	202,722
Miscellaneous Credits	33,938	-	1,915	6	4,317,593	4,353,452	323,004	4,676,456
Total	33,938	26,979	113,696	24,644	4,317,593	4,516,850	865,632	5,382,482
<u>Debits -</u>								
Balance at beginning of year	2,429,971	-	-	-	-	2,429,971	686,365	3,116,336
Balance transferred from Income	313,471	764	-	-	4,317,593	4,631,828	557,546	5,189,774
Miscellaneous Debits	-	-	1,210	-	-	1,210	243,119	244,329
Dividends	-	6,875	63,572	-	-	70,447	8	70,455
Total	2,743,442	7,639	64,782	-	4,317,593	7,133,456	1,487,038	8,620,494
Credit Balance at close of year	-	19,340	48,914	24,644	-	92,898	369,431	462,329
Debit Balance at close of year	2,709,504	-	-	-	-	2,709,504	1,006,097	3,715,601

* Loss charged to Government of Canada and includes overseas services.

Table 4

CIVIL AVIATION, 1949

	Canadian Pacific Air Lines (including Quebec Airways)	Central Northern	Maritime Central	Queen Charlotte	Trans-Canada Air Lines (North American Services)	Total Scheduled Air Lines	Other Canadian Carriers	Grand Total Canadian Carriers
REVENUES -								
Passenger	4,058,066	94,386	205,018	416,196	19,460,395	24,234,060	271,062	24,505,122
Excess Baggage	38,548	2,248	1,477	2,730	155,809	200,812	4,582	205,394
Mail	1,427,640	31,188	161,914	3,120	5,400,000	7,023,862	58,672	7,082,534
Goods	584,588	87,535	7,799	20,808	1,005,805	1,706,535	155,795	1,862,330
Chartered Services	118,782	176,869	69,165	57,095	102,131	524,042	2,883,078	3,407,120
Other Air Services	15,908	13,082	42,286	89,401	4,125	164,802	1,109,578	1,274,380
Total	6,243,532	405,307	487,659	589,350	26,128,265	33,854,113	4,482,767	38,336,880
Incidental Revenues, net	269,536	4,433	6,941	35,397	395,704	712,011	532,130	1,244,141
Grand Total	6,513,068	409,740	494,600	624,747	26,523,969	34,566,124	5,014,897	39,581,021

Table 5

EXPENSES							
Aircraft Operation and Maintenance	3,580,888	283,288	260,283	416,045	15,533,070	20,073,524	23,819,397
Ground Operation and Maintenance ..	1,443,377	84,406	104,706	81,766	7,458,406	9,172,721	10,006,331
Traffic Expenses	410,194	5,227	13,806	52,364	3,201,641	3,683,232	3,812,061
General Administration	558,210	43,740	58,652	52,037	1,239,267	1,961,906	2,547,642
General Taxes	26,898	3,530	1,927	1,642	141,534	175,531	195,169
Grand Total	6,029,567	420,201	439,374	603,854	27,573,918	35,066,914	40,380,600

Table 6

CIVIL AVIATION, 1949

	Canadian Pacific Air Lines (including Quebec Airways)	Central Northern	Maritime Central	Queen Charlotte	Trans-Canada Air Lines	Total Scheduled Air Lines	Other Canadian Carriers	Grand Total Canadian Carriers	Foreign Inter-national	Grand Total
Aircraft Miles - Scheduled	4,800,404	178,466	429,842	618,975	15,995,543	21,523,230	-	21,523,230	N/A	21,523,230
Miles Flown - Revenue	4,769,421	563,812	548,751	890,153	16,364,733	23,136,870	11,424,902	34,561,772	1,365,589	35,925,311
Non-revenue	119,255	25,617	16,976	33,419	720,334	915,601	897,050	1,812,651	9,024	1,821,675
Total	4,888,676	589,429	565,727	923,572	17,085,067	24,052,471	12,321,952	36,374,423	1,372,563	37,746,986
Passengers Carried -										
Revenue Originated	117,497	9,680	22,619	33,983	612,065	795,804	155,599	951,403	1/222,040	1,173,443
Received from others (Revenue) ...	9,325	-	2,161	-	35,134	46,664	-	46,664	1,995	48,659
Company Employees	2,046	34	355	110	36,037	38,581	{	38,581	2,962	41,543
Other non-revenue	37	7	46	64	1,059	1,273	{ 2,219	3,492	728	4,220
Total	128,968	9,721	25,181	34,157	684,295	882,322	157,818	1,040,140	227,725	1,267,865
Goods Carried 5/-										
Revenue Originated	6,004,538	3,243,293	338,730	321,192	5,442,205	15,349,958	15,231,790	30,581,748	2/3,228,270	33,810,018
Received from other carriers (rev.) ...	-	-	26,572	-	28,808	55,380	-	55,380	-	55,380
Non-revenue	419,513	15,300	-	140	2,211,032	2,645,985	230,747	2,876,732	355,637	3,232,369
Total lbs.	6,424,051	3,258,593	365,302	321,332	7,682,045	18,051,323	15,462,537	33,513,860	3,583,907	37,097,767
Mail Carried	2,010,954	184,162	507,034	4,177	9,063,636	11,769,964	371,854	12,141,798	31,364,422	13,506,220
Passenger Miles -										
Revenue	50,176,378	750,760	2,475,212	3,680,963	210,613,642	367,702,955	9,742,339	377,445,294	15,061,847	392,507,141
Company Employees	1,213,088	4,858	27,452	9,650	21,235,595	22,490,639	{	22,490,639	-	22,490,639
Other non-revenue	116,130	376	4,408	5,835	242,144	370,513	{ 285,738	636,251	755,432	1,391,583
Total	51,505,614	756,592	2,508,072	3,696,448	332,097,381	390,564,107	10,008,077	400,572,184	5,817,279	416,389,463
Revenue Passenger Miles to Available Seat Miles 4/ P.C.	45.3	-	38.1	44.7	67.4	64.4	-	-	50.2	-
Ton Miles - Goods - Revenue	1,039,014	142,539	51,774	18,467	2,160,644	3,412,438	777,224	4,189,662	480,199	4,669,861
Non-revenue	110,566	1,273	-	14	1,338,957	1,450,810	15,568	1,466,378	178,674	1,645,052
Total	1,149,580	143,812	51,774	18,481	3,499,601	4,863,248	792,792	5,656,040	658,873	6,314,913
Ton Miles - Mail	399,513	10,140	23,298	435	3,403,810	3,837,202	16,145	3,853,347	252,141	4,105,488
Gasoline Consumed	2,724,256	188,265	211,333	323,265	13,127,010	16,574,129	1,792,646	18,366,775	5/1,186,801	19,553,576
Cost \$	1,018,084	81,860	53,655	93,672	3,973,038	5,230,309	755,013	5,985,322	-	-
Oil Consumed	30,845	3,169	3,026	5,882	162,930	205,852	35,186	241,038	5/11,338	252,376
Cost \$	30,285	2,720	2,772	6,185	139,971	181,933	36,595	220,528	-	-
Hours Flown - Revenue	32,847	5,321	3,359	7,624	89,207	138,428	70,824	209,252	7,911	217,163
Non-revenue	858	257	128	343	4,318	5,904	8,810	14,714	56	14,770
Miscellaneous	18	114	606	514	29	1,281	47,107	48,388	-	48,388
Total	33,723	5,762	4,093	8,481	93,554	145,613	126,741	272,354	7,967	280,321

1/ Includes 10,953 passengers between foreign stations.

2/ Includes 1,013,025 lbs. of goods between foreign stations.

3/ Includes 421,627 lbs. between foreign stations.

4/ Computed for routes which were primarily scheduled passenger routes.

5/ Purchased in Canada.

6/ Includes excess baggage.

7/ North American service only.

EMPLOYEES, SALARIES AND WAGES

Table 7.

Canadian Carriers	Employees	Salaries & Wages	Companies	Employees	Salaries & Wages
General Officers	400	1,974,259	Canadian Pacific Air Lines	928	2,671,022
Clerks and Stenographers	950	1,926,296	Central Northern	50	146,328
Pilots	339	2,187,879	Maritime Central	67	170,960
Co-Pilots	174	801,267	Queen Charlotte	85	228,006
Dispatchers	74	253,245	Trans-Canada Air Lines	4,716	14,244,985
Communication Operators	441	989,244	Total Scheduled	5,846	17,461,300
Stewards and other Attendants	195	489,288	Other Air Carriers	667	1,618,965
Air Engineers	345	1,071,219	Total Canadian Carriers	6,513	19,080,265
Mechanics	1,666	4,761,558	Foreign International Carriers (1)	78	237,245
Airport Employees	763	1,791,478	Non-Commercial	110	222,490
Stores Employees	208	473,155	Grand Total	6,701	19,540,001
Other Employees	848	2,160,339			
Unclassified	110	201,238			
Total	6,513	19,080,265			

(1) Employees domiciled in Canada only

Table 8

ACCIDENTS, 1949 (1)

	Canadian Pacific Air Lines (including Quebec Airways)	Central Northern	Maritime Central	Queen Charlotte	Trans Canada Air Lines	Total Scheduled Air Lines	Other Canadian Carriers	Grand Total Canadian Carriers
Accidents resulting in Property Damage only	-	-	1	3	-	4	21	25
Revenue Transportation -								
Number resulting in Death or Injury	1	2	-	1	-	4	5	9
Number of Persons - Killed - Crew - Pilots	2	-	-	-	-	2	-	2
Other Crew	2	-	-	-	-	2	-	2
Passengers	19	-	-	2	-	21	7	28
Total	23	-	-	3	-	25	10	35
Injured - Crew - Pilots	-	1	-	2	-	4	1	5
Other Crew	-	1	-	1	-	2	-	2
Passengers	-	11	-	2	-	13	2	15
Total	-	14	-	5	-	19	3	22
Non-revenue Transportation -								
Number resulting in Death or Injury	-	-	-	-	-	-	2	2
Number of Persons - Killed - Crew - Pilots	-	-	-	-	-	-	2	2
Other Crew	-	-	-	-	-	-	2	2
Passengers	-	-	-	-	-	-	-	-
Injured	-	-	-	-	-	-	7	7
Miscellaneous Flying -								
Number resulting in Death or Injury	-	-	-	-	-	-	5	5
Number of Persons - Killed - Crew - Pilots	-	-	-	-	-	-	6	6
Other Crew	-	-	-	-	-	-	-	-
Passengers	-	-	-	-	-	-	-	-
Total All Flying	1	2	-	1	-	4	18	22
Number resulting in Death or Injury	2	-	-	-	-	2	10	12
Number of Persons - Killed - Crew - Pilots	2	-	-	-	-	2	4	4
Other Crew	19	-	-	2	-	19	30	49
Passengers	(3) 25	-	-	2	-	25	42	67
Total	-	2	-	4	-	4	9	13
Injured - Crew - Pilots	-	1	-	2	-	2	3	5
Other Crew	-	11	-	2	-	13	18	31
Passengers	-	14	-	5	-	19	30	49
Total	-	-	-	-	-	-	3	3
Non-flight Accidents -								
Number resulting in Death or Injury (2)	-	-	-	-	-	-	-	-
Number of Persons - Killed - Crew - Pilots	-	-	-	-	-	-	-	-
Other Crew	-	-	-	-	-	-	1	1
Other Persons	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	4	4

(1) Foreign International and Non-Commercial not available.

(2) 1 Passenger and 1 Crew injured.

(3) Adjudged as murder.

W. Doe
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DOMINION BUREAU OF STATISTICS
Public Finance and Transportation Division



OTTAWA

AIR TRANSPORT BOARD
Economics Division

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CIVIL AVIATION

2 Annuals

1950

Introduction

Under the joint masthead of the Bureau of Statistics and the Air Transport Board, monthly reports on Civil Aviation in Canada are issued regularly giving the principal statistics on the operations of each scheduled Canadian carrier and the totals for the majority of the other air carriers operating across Canada. The first monthly appeared for January 1941. The current report includes statistics on the same basis as the monthly summary covering 1950 operations. Revisions of the preliminary monthly summary have been made in this report as derived from the annual reports of each operator. Commercial carriers are now divided into three main classes, "A" - scheduled, "B" and "C" - non-scheduled and specialty carriers, such as aerial survey, training, photography, dusting, etc. The former class "D" carriers have been allotted mainly to Class "C".

Freight or goods includes freight, express and excess baggage carried, and also mail matter when transported other than under the Post Office Department contract.

Statistics in Table 1 are not comparable throughout as totals for 1950 to 1946 do not include certain non-commercial operations which, however, represent but a very small segment of the industry. In fact, the statistics during the war years shown (1944-45) must be considered with reservations, and only in 1946 does a modern civil aviation industry evolve. Operations in the pre-war period were carried on principally by our renowned "bush fliers" and few inter-city scheduled services were then available. During the war, the volume of traffic was controlled by emergency regulations, non-availability of new planes and equipment and by the absence of qualified personnel who had flocked to the Air Force. Aircraft miles flown in Canada have nearly quadrupled since 1939 when they were slightly under 11 millions. The wartime peak occurred in 1945 at some 20.1 million miles. Regular inter-city commercial air service has become commonplace only since 1946. The Trans-Canada Air Lines was being organized when war was declared in 1939 and development up to the end of 1945 was greatly retarded by wartime conditions. At present, over four-fifths of the passenger miles flown are scheduled on inter-city services which did not exist previous to 1939. By the end of 1950, net investment and expenditures in the development of airports, airways, flying facilities, etc., was placed at some \$645 million and further expansion is underway at several points across the nation.

Review of 1950 Results

The highlight of 1950 operations was the posting of net operating revenues for the industry of \$1,268,255 compared with deficits in the previous seven years. Losses on operations had been \$799,577 in 1949, \$1,087,341 in 1948, and the peak of \$2,487,412 for 1947.

As shown in Table 1, new records were established in all accepted measurements of aviation activity. Total mileage flown by all commercial planes during 1950 reached 41,368,494 miles for a gain of 3,621,508 miles or 9.6 p.c. over the 1949 total. Some 96.5 p.c. of the total was flown on revenue flights against 95.2 p.c. in the previous year. Passengers carried numbered 1,511,021, an all-time record, and an advance of 19.2 p.c. or 243,156 over 1949 with the gain in revenue passengers some 241,000. Revenue passenger miles increased to 474,367,165 miles, up 20.9 p.c. from 1949 and a total nearly 22 times the amount reported ten years earlier in 1940 - reflecting the tremendous growth which has occurred in the past decade. Average journey measured about 326.5 miles against 324 miles for 1949 and 305 miles in 1948. The August rail strike served to introduce thousands of persons to air travel for the first time. The total freight given airlift

during 1950 amounted to 46,681,194 lbs., an increase of 25.9 p.c. over 1949 and is over 3 times the amount carried in 1940. Revenue freight ton miles at 6,420,693 posted a gain of over 37 p.c. from the 1949 ton mileage of 4,669,861 and is about 7 times 1940.

The volume of air mail has increased steadily since 1946 and the total of 14,241,523 pounds for 1950 is a new record. The increase over the previous high in 1949 was 5.4 p.c. or 735,303 pounds. Airlift given first class mail plus the 9-day rail strike helped to augment the total. Ton miles for mail rose from 4,108,488 to 4,293,447 ton miles or by 4.5 p.c., with the current total 2.8 times the 1946 tonnage.

Aircraft flying time of reporting carriers during the year was increased from 280,321 hours in 1949 to 307,716, up 9.7 p.c. Considerable more activity was shown for specialty flights while revenue time on transportation rose 9 p.c., and non-revenue was reduced from 1949. Gasoline consumption, with heavier loads and larger and faster planes in service, jumped from nearly 17 million to over 22 million gallons for an increase of 30 p.c. Aircraft mileage had risen only 9.6 p.c. Lubricating oil used totalled 275,370 gallons or nearly 48,000 gallons above the 1949 consumption. The average price per gallon of gasoline to Canadian carriers was 31.7 cents against 32.6 cents in 1949, while oil averaged 93.5 cents per gallon versus \$1.09 one year earlier.

A more comprehensive coverage of aviation accidents is now available as given in Table 8. Accidents involving Canadian carriers during 1950 numbered 148 compared with 142 in 1949, 190 in 1948 and 279 in 1947 according to the compilations of the Civil Aviation Division, Department of Transport. This revised tabulation shows 99 fatalities for 1950 against 82 in 1949 and 91 for 1948. Passengers killed totalled 66 compared with 55 in 1949, 59 in 1948 and 30 in 1947. Injuries of a serious nature occurred in 13 cases during 1950, and 14 in 1949, while 11 suffered minor injuries against 28 one year earlier.

The reported assets of Canadian carriers, as shown in Table 2, were valued at a record \$56,367,152 against \$51,879,610 at the end of 1949. All accounts were considerably advanced except fixed assets less depreciation which dropped from \$32,948,534 to \$28,851,515. Long term debt of the industry decreased \$46,973 over 1949 to \$3,596,893 and reserves increased to \$6,473,960. Capital stock was pared \$239,401 to \$36,890,007. The property and equipment account showed a grand total value of \$28,653,915, reduced from \$32,749,042 in 1949, with the decline mainly in aircraft valuation which bears heavy depreciation and obsolescence. Additions during the year were placed at \$3,620,438 compared with \$5,257,957 for 1949, while retirements were \$566,881 lighter at \$1,181,388. Accrued depreciation at the year end amounted to \$17,086,428 for an increase of \$2,273,189 over December 31, 1949.

Table 3, Income Account, reveals a year of profitable operation for the entire industry, the first since complete balance sheets were provided. The balance transferred to profit and loss shows a credit of \$410,977 against losses of \$2,081,544 for 1949, \$1,730,381 in 1948, \$2,787,482 in 1947 and \$753,693 in 1946. Losses had been indicated throughout the war years. Scheduled lines reported profits of \$603,748 against a loss of \$1,679,418 for 1949, while other Canadian carriers cut their deficit from \$402,126 in 1949 to \$192,771 in the year under review. Total operating revenues reported by Canadian carriers were \$49,063,603 for 1950, up nearly 24 p.c. or \$9,482,582 from the previous year. Expenses on operations rose less sharply to \$47,973,675, an increase of \$7,593,077 or about 19 p.c. Net operating income was thus \$1,089,928 compared with a loss of \$799,577 for 1949. Non-operating income for 1950 more than doubled the preceding years credit of \$101,938, climbing to \$219,198 and giving a gross income, less operating expenses for the year, of \$1,309,126. Deductions from gross income were reduced to \$790,191 from \$1,365,326 in the previous period. Income tax, as a result of improved earnings, jumped from \$18,579 to \$107,958.

Revenues are given in detail in Table 4. Passenger fare receipts brought a record \$29,648,930 in

1950, a gain of \$5,143,808 or 21 p.c. over 1949. Excess baggage and mail revenues improved while goods earned \$2,426,640 against \$1,862,330 one year earlier. Chartered services responding to great activity in mineral exploration and northern development advanced \$794,492 to \$4,201,612. Other air services and incidental revenues also posted gains over 1949. Some 64 p.c. of total revenues were represented by passenger fares against 62 p.c. in 1949.

With materials and wages higher, all expenses accounts were increased over the previous year. Aircraft operation and maintenance required \$26,436,223 compared with \$23,819,397 one year earlier. Ground expenses gained over a million to \$11,012,120 while traffic charges rose \$816,681 to \$4,628,742. Administration expenses took \$2,792,141 or 9.6 p.c. more while general taxes were up \$34,667 above 1949 to \$229,836.

For scheduled Canadian carriers, the percentage of seat occupancy was 67.2 p.c. compared with 64.4 p.c. in 1949 and 65.1 p.c. in 1948. Foreign international lines did not fare as well as domestic operators, and occupancy on their Canadian flights, based on the ratio of revenue passenger miles to available seat miles, was 43.1 p.c. against 50.2 p.c. in 1949 and 46.3 p.c. in 1948.

Employment returns for 1950 showed a monthly average of 6,553 employees on the payroll of all companies operating in Canada including foreign international and non-commercial lines. This is a decrease of 148 from 1949. General officers numbered 393 for 1950 against 400 in 1949, clerks and stenographers were down from 950 to 946, air engineers increased from 345 to 352 but mechanics dropped from 1,666 to 1,497. The number of pilots improved from 339 to 361 and co-pilots totalled 176 against 174 in 1949. The character of civil aviation operations in Canada has changed involving the addition of specialized personnel and larger administrative staffs. The pilot is no longer a combination of general officer, mechanic, air engineer, ticket taker, steward and bookkeeper, as well as traffic solicitor in his spare time. There are now nearly 11 other employees on scheduled lines for every pilot and co-pilot. In 1939 this ratio was less than 5 to 1. Total salaries and wages earned by the 6,553 aviation employees in 1950 reached \$19,782,538 compared with \$19,540,001 for 6,701 employees in 1949. The average earnings were thus \$3,019 in 1950, up 3.5 p.c. over the average of \$2,916 in the preceding year, and compare with \$2,624 in 1948. The salary and wage bill represented 41.3 p.c. of total expenses for the year under review and 40.3 p.c. of revenues. In 1948, 48.4 p.c. of operating expenses were attributed to salaries and wages.

International Service

Statistics given for foreign international carriers in Table 6, etc., cover their operations over Canadian territory only. No financial data were furnished other than salaries and wages paid to employees domiciled in Canada. The overseas routes of Trans-Canada and Canadian Pacific Air Lines are covered in a special table on Page 5. Both services showed operating losses for 1950, but T.C.A. reduced their deficit after depreciation from \$2,607,368 in 1949 to \$1,269,510 for 1950 despite a drop in patronage resulting mainly from the cessation of the immigrant air charter plan. T.C.A.'s overseas routes covered 8,477 miles compared with 8,303 in 1949. The C.P.A. service inaugurated July, 1949, is tied in with the Tokyo airlift on a charter basis and operated four trips weekly as part of Canada's contribution to the United Nations effort.

Non-Commercial Operations

1. Flying Clubs

There were 38 flying clubs reporting operations for 1950 compared with 36 in two previous years and considerably greater interest and activity was manifest in response to the threat of global war.

Hours flown advanced from 35,808 in 1949 to 40,356 or by 12.7 p.c. Mileage flown was logged at 3,459,083 miles compared with 3,114,647 miles one year earlier, up over 11 p.c., although fuel consumption eased slightly. Employees on payroll numbered 102 and earned \$209,442. The club membership at 5,224 shows a gain of 416 over 1949. The clubs qualified 590 private pilots during the year against only 291 one year earlier, as well as 34 limited commercial permits, 9 public transport pilots, 4 air engineers and 22 instructors. There were 121 planes operated by the clubs during the year.

2. Non-Commercial Carriers

In addition to the regular licensed public carriers which numbered 103 at the end of 1950, there were private companies and several governmental agencies and departments operating their own air services. The Hudson Bay Air Transport Ltd., for example, flew 140,321 miles on company business and carried 2,664 employees as well as 365,828 pounds of freight. Ton miles rose from 10,363 in 1949 to 11,951 in the year under review. Many of the current northern mining developments are dependent almost entirely on airlift, particularly in their initial stages. Vast quantities of materials, food and supplies as well as personnel have been ferried into the vast Labrador-Quebec iron ore property - a project which would have been forbidding without the regular help of aircraft. Forestry and fishery patrols, photographic and survey work, pest control, instructional and exhibition flights, etc., were also responsible for considerable flying time that is not reported. Regular flights are made from northern fishing grounds to Canadian and American cities, providing markets that could not previously be reached.

Arrivals by Air

Passenger and plane arrivals are recorded by Immigration officials at the principal airports across Canada and cover both returning Canadians and foreign tourists, etc., crossing the International Border or from overseas. The summary table below divides such arrivals by the province in which the first landing was made for reporting purposes. It is not possible to segregate the arriving planes into commercial, non-commercial, private, intransit or itinerant. This traffic has risen steadily since the end of the war and is important to our tourist industry. Totals are not comparable with foreign international carrier data which includes passenger traffic in both directions. Tourists, immigrants, etc., arriving by air have advanced from 113,040 in 1947 to 158,422 in 1950 and a gain of 22,676 over 1949. Returning Canadians increased from 65,029 in 1947 to 90,719 in 1949 and to 111,515 in 1950.

Number of Returning Residents and Tourist Entries
by Plane, 1949 and 1950

Province of Entry	1950			1949		
	Planes	Returning Canadians	Tourists, etc.	Planes	Returning Canadians	Tourists, etc.
	No.			No.		
Newfoundland	703	705	1,187	754	645	1,050
Prince Edward Island	3	3	12	2	2	6
Nova Scotia	182	531	1,273	185	194	609
New Brunswick	942	3,430	7,685	874	3,122	7,077
Quebec	5,408	31,106	40,072	5,356	22,005	33,522
Ontario	8,470	51,629	47,893	8,367	43,917	42,601
Manitoba	1,132	5,416	7,306	1,105	3,588	6,447
Saskatchewan	169	146	337	159	75	248
Alberta	2,041	2,104	17,022	1,400	1,326	9,815
British Columbia	3,839	16,051	27,403	3,951	15,504	27,461
Yukon	723	394	8,232	651	341	6,910
Total	23,612	111,515	158,422	22,804	90,719	135,746

✱ Mainly intransit to and from Alaska.

CIVIL AVIATION, 1950

Canadian Pacific Air Lines - Overseas Routes (Pacific-Australia, Pacific-Orient) ⁽¹⁾		Trans-Canada Air Lines (Atlantic) Limited ⁽²⁾ (North Atlantic, Caribbean and Bermuda)	
	1950	1950	(3) 1949
OPERATING REVENUES		OPERATING REVENUES	
Scheduled Services			
Passenger	1,579,954		6,027,010
Mail	120,627		1,177,428
Goods	58,270		822,531
Excess Baggage	2,343		41,463
Charter Transportation	931,560		98,356
Contract Transportation	-		178,227
Incidental Revenues	3,532		221,594
Total Revenues	2,696,286		8,344,815
OPERATING EXPENSES		OPERATING EXPENSES	
Aircraft Operation and Maintenance	2,230,430		2,161,773
Ground Operation and Maintenance	271,594		1,505,597
Traffic Expenses	233,410		1,503,933
General Administration	135,024		1,289,333
General Taxes	4,155		432,383
Total Expenses	2,874,613		907,765
Net Operating Loss	178,327		253,743
Revenue Miles Flown	1,377,274		508,033
Revenue Hours Flown	6,441		27,936
Revenue Passengers Carried	4,752		8,590,496
Revenue Passenger Miles	25,431,470		245,681
Available Seat Miles	37,052,363		1,023,829
Available Ton Miles	4,851,968		1,269,510
Revenue Goods Carried	57,864		256,902
Revenue Goods Ton Miles	115,204		1,526,412
Mail Carried - Revenue (lbs.)	13,879		3,190,965
Mail Carried - Ton Miles	44,884		32,701
Revenue Passengers Carried	57,864		394,339
Revenue Passenger Miles	25,431,470		1,521,995
Available Seat Miles	37,052,363		74,472,299
Available Ton Miles	4,851,968		115,999,064
Revenue Miles Flown	1,377,274		17,225,760
Revenue Hours Flown	6,441		10,575,483
Revenue Passengers Carried	4,752		13,071,361
Revenue Passenger Miles	25,431,470		
Available Seat Miles	37,052,363		
Available Ton Miles	4,851,968		
Revenue Goods Carried	57,864		
Revenue Goods Ton Miles	115,204		
Mail Carried - Revenue (lbs.)	13,879		
Mail Carried - Ton Miles	44,884		

(1) Data for 1949 not available.

(2) Taken from Trans-Canada Air Lines 1950 Annual Report.

(3) Revised.

Table 1
STATISTICAL SUMMARY OF CIVIL AVIATION, 1944 - 1950

	1950	1949	1948	1947	1946 ⁽³⁾	1945	1944
Aircraft Miles flown - Revenue	39,901,935	35,925,311	35,852,977	33,186,617	25,844,570	18,618,970	15,568,559
Non-revenue	1,466,559	1,821,675	2,481,124	2,845,952	2,424,219	1,468,462	620,803
Total	41,368,494	37,746,986	38,334,101	36,032,569	28,268,789	20,087,432	16,189,362
Passengers carried - Revenue	1,452,081	1,211,149	1,054,778	836,047	802,811	490,809	371,397
(Originated)	10,827	10,953	7,325	10,674	6,673	16,711	20,846
Between foreign stations - Revenue	41,110	41,543	36,820	39,891	21,130	15,283	8,740
Company Employees	7,003	4,220	4,875	6,559	3,226	2,604	2,955
Other non-revenue							
Total	1,511,021	1,267,865	1,103,798	893,171	833,840	525,407	403,938
Passenger Miles - Revenue	474,367,165	392,507,141	321,704,118	237,986,178	206,776,408	153,504,833	111,127,010
Company Employees	22,530,153	22,490,639	19,202,671	18,702,819	8,326,948	5,124,620	2,215,907
Other non-revenue	2,683,315	1,391,683	1,778,441	1,256,388	442,621	533,992	543,412
Total	499,580,633	416,389,463	342,685,230	257,945,385	215,545,977	159,163,445	113,886,329
Freight or Goods carried - Revenue	42,141,292	32,852,373	33,633,045	31,633,437	23,656,502	12,615,119	10,522,932
Between foreign stns.-Rev. "	1,096,381	1,013,025	932,923	250,412	181,280	399,539	659,970
Non-revenue	3,443,521	3,232,569	2,696,744	2,357,529	1,335,998	1,447,642	1,247,743
Total	46,681,194	37,097,767	37,262,712	34,241,378	25,173,760	14,462,400	12,430,645
Freight Ton Miles - Revenue	6,420,693	4,669,861	4,248,630	2,985,618	1,892,391	1,337,145	1,406,679
Non-revenue	1,658,520	1,645,052	1,209,630	684,622	410,560	313,072	261,507
Total	8,079,213	6,314,913	5,458,260	3,670,240	2,302,951	1,650,217	1,668,186
Mail carried	14,241,523	13,506,220	10,110,252	6,965,895	5,930,338	6,418,944	7,296,265
Ton Miles	4,293,447	4,108,488	2,860,796	1,646,136	1,534,919	2,096,289	2,072,129
Hours flown by Aircraft - Transportation Revenue	246,653	227,563	230,357	218,713	164,649	125,570	105,815
Non-revenue	12,409	14,770	20,373	25,338	19,542	12,391	5,308
Forestry Patrol						6,578	5,551
Fishery						106	146
Photography Survey						585	668
Instruction						6,750	4,291
Exhibition - Miscellaneous						590	843
Total	307,716	280,321	299,538	283,462	210,202	152,570	122,422
Hours flown by Crew	(2)	(2)	(2)	(2)	449,844	369,148	279,943
" " Passengers	(2)	(2)	(2)	(2)	1,302,358	1,048,844	712,373
Horse Power Hours Flown by Aircraft (000)					(2)	216,288	183,556
Gasoline consumption	22,088,575	16,987,122	17,030,203	13,922,451	11,278,759	7,855,067	5,169,355
Lubricating oil consumption	275,570	227,382	225,239	184,454	149,829	121,965	100,240
Operating Revenues	46,367,317	39,581,021	33,712,329	26,834,090	21,987,999	17,335,154	17,119,291
Operating Expenses	45,099,062	40,380,598	34,799,670	29,321,502	22,777,440	17,520,689	17,847,546
Net Operating Revenues	1,268,255	Dr. 799,577	Dr. 1,087,341	Dr. 2,487,412	Dr. 789,451	Dr. 185,535	Dr. 728,055
No. of Employees (4)	6,553	6,701	6,181	5,872	5,626	4,497	4,332
Salaries and Wages (4)	19,782,538	19,540,001	16,219,952	13,710,606	12,573,993	9,437,392	8,607,044

(1) Purchases by Foreign Carriers in Canada included from 1945.

(3) Revised to exclude non-commercial not included subsequently.

(2) Not Available.

(4) Includes non-commercial and Canadian domiciled employees of foreign carriers.

Table 2

GENERAL BALANCE SHEET

	Canadian Pacific Airlines (including Quebec Airways)	Maritime Central	Trans-Canada Air Lines	Central Northern	Queen Charlotte	Rimouski Air Lines	Total Scheduled Air Lines	Other Canadian Carriers	Grand Total Canadian Carriers
ASSETS									
Current and Accrued Assets	4,167,176	104,211	14,941,693	174,349	114,196	59,552	19,561,177	1,659,985	21,221,162
Investments	18,799	50,431	20,576	-	-	-	89,806	341,734	451,540
Deferred Debts	218,177	21,239	60,542	38,161	23,066	36,186	397,371	386,232	783,603
Special Funds	-	391	4,078,941	-	-	-	4,079,332	-	4,079,332
Fixed Assets less Depreciation	8,329,912	193,286	16,682,163	210,999	200,894	24,873	25,642,127	3,209,388	28,851,515
Total	12,734,064	369,558	35,783,915	423,509	338,156	120,611	49,769,813	5,597,339	55,367,152
LIABILITIES									
Current and Accrued Liabilities ...	1,265,382	207,997	4,776,084	45,320	148,549	54,626	6,497,958	2,040,845	8,538,803
Long Term Debt	2,460,000	-	-	-	19,952	-	2,479,991	1,116,902	3,596,893
Deferred Credits	1,109,002	7,607	1,068,126	798	9,360	-	2,194,893	19,453	2,214,346
Reserves	1,447,315	-	4,939,705	-	-	-	6,387,020	86,940	6,473,960
Capital Stock	9,000,000	60,000	25,000,000	355,750	85,800	63,000	34,564,550	2,325,457	36,890,007
Surplus	Dr. 2,547,635	93,954	-	21,641	74,456	2,985	Dr. 2,354,599	7,742	Dr. 2,346,857
Total	12,734,064	369,558	35,783,915	423,509	338,156	120,611	49,769,813	5,597,339	55,367,152

PROPERTY ACCOUNT, 1950
(Net Value close of Year)

	Aircraft	Aircraft Engines	Aircraft Communication Equipment..	Miscellaneous Flying Equipment ...	Total Flying Equipment..	Miscellaneous Ground Equipment ...	Buildings and other Improvements..	Land	Grand Total	Additions - Retirements - Depreciation - Additions during year	Retirements during year	Accrued Depreciation end of year
Aircraft	5,030,814	118,985	9,051,947	127,061	92,219	-	-	-	14,421,026	1,801,957	16,222,983	
Aircraft Engines	1,821,753	24,747	2,065,332	36,591	9,732	-	-	-	3,958,155	353,424	4,311,579	
Aircraft Communication Equipment..	-	7,356	300,867	2,247	4,395	-	-	-	314,865	39,163	354,028	
Miscellaneous Flying Equipment ...	-	-	41,163	2,181	-	1,329	-	-	44,673	25,205	69,878	
Total Flying Equipment..	6,852,567	151,088	11,459,309	168,080	106,346	1,329	-	-	18,738,719	2,219,749	20,958,468	
Miscellaneous Ground Equipment ...	679,476	18,334	2,444,128	14,229	17,058	18,361	-	-	3,191,586	335,115	3,526,701	
Buildings and other Improvements..	783,719	23,704	2,682,500	26,649	-	5,183	-	-	3,521,755	408,883	3,930,638	
Land	14,150	160	96,225	2,041	-	-	-	-	112,576	125,532	238,108	
Grand Total	8,329,912	193,286	16,682,162	210,999	123,404	24,873	-	-	25,564,636	3,089,279	28,653,915	
Additions - Retirements - Depreciation - Additions during year	1,280,629	185,787	971,309	70,620	95,188	5,521	-	-	2,609,054	1,011,384	3,620,438	
Retirements during year	2,126,470	8,451	Dr. 1,827,695	8,575	525	800	-	-	317,126	864,262	1,181,388	
Accrued Depreciation end of year	596,479	415,364	13,444,747	194,883	126,121	9,263	-	-	14,786,857	2,299,571	17,086,428	

/ Includes Overseas Services.

Table 3

INCOME ACCOUNT

	Canadian Pacific Airlines (including Quebec Airways)	Maritime Central	Trans-Canada Air Lines	Central Northern	Queen Charlotte	Pimouski Air Lines	Total Scheduled Air Lines	Other Canadian Carriers	Grand Total Canadian Carriers
Total Revenues	9,271,192	760,180	51,810,684	468,311	864,779	424,971	43,600,117	5,463,486	49,063,603
Total Expenses	8,840,384	651,686	31,318,613	456,152	803,802	375,319	42,445,956	5,527,719	47,973,675
Net Operating Revenue	430,808	108,494	492,071	12,159	60,977	49,652	1,154,161	Dr. 64,233	1,089,928
Non-operating Income Total	26,113	-	176,452	2,340	-	-	204,905	14,293	219,198
Gross Income less Operating Expenses	456,921	108,494	668,523	14,499	60,977	49,652	1,359,066	Dr. 49,940	1,309,126
Deductions from Gross Income -									
Miscellaneous Income Charges	200,962	-	Dr. 34,616	-	-	-	166,346	8,546	174,892
Interest on Long Term Debt	9,091	-	493,098	-	-	-	502,189	21,999	524,188
Miscellaneous Interest Charges	3,269	1,615	8,835	-	-	1,682	15,401	74,378	89,779
Amortization of Discount on Debt	-	-	-	-	-	-	-	1,332	1,332
Total Deductions	213,322	1,615	467,517	-	-	1,682	683,936	106,255	790,191
Net Income before Income Tax	243,599	106,879	201,206	14,499	60,977	47,970	675,130	Dr. 156,195	518,935
Income Taxes	-	46,791	-	2,700	21,891	-	71,382	36,576	107,958
Balance Transferred to Profit and Loss ...	243,599	60,088	201,206	11,799	39,086	47,970	603,748	Dr. 192,771	410,977

PROFIT AND LOSS

Credits -									
Balance at beginning of year	-	48,914	-	20,467	21,302	-	90,683	617,868	708,551
Balance from Income	287,755	60,088	-	11,799	39,087	47,970	446,699	261,012	707,711
Miscellaneous Credits	-	18,511	(x) 1,325,206	-	20,367	2,497	1,366,581	315,594	1,682,175
Total	287,755	127,513	1,325,206	32,266	80,756	50,467	1,903,963	1,194,474	3,098,437
Debits -									
Balance at beginning of year	2,709,504	-	-	-	-	47,483	2,756,987	671,557	3,428,544
Balance transferred from Income	44,156	-	1,325,206	-	-	-	1,569,362	462,281	1,831,643
Miscellaneous Debits	84,230	859	-	-	6,300	-	91,389	146,640	238,029
Dividends	-	32,700	-	10,625	-	-	43,325	-	43,325
Total	2,837,890	33,559	1,325,206	10,625	6,300	47,483	4,261,063	1,280,478	5,541,541
Credit Balance at close of year	-	93,954	-	21,641	74,456	2,984	193,055	727,743	920,778
Debit Balance at close of year	2,550,135	-	-	-	-	-	2,550,135	813,747	3,363,882

(1) Includes Overseas Routes with Revenues totalling \$2,696,286, and Expenses, \$2,874,613.

(x) Loss charged to Government of Canada and includes Overseas Services.

/ North American service only.

Table 4

	Canadian Pacific Airlines (including Quebec Airways)	Maritime Central	Trans-Canada Air Lines	Central Northern	Queen Charlotte	Rimouski Air Lines	Total Scheduled Air Lines	Other Canadian Carriers	Grand Total Canadian Carriers
REVENUES -									
Passenger	4,116,172	214,319	24,183,501	96,146	637,982	240,203	29,488,323	160,607	29,648,930
Excess Baggage	35,764	1,633	194,573	1,594	4,419	3,282	241,265	3,419	244,684
Mail	1,414,437	165,162	5,400,000	34,924	10,086	27,282	7,051,951	55,423	7,107,374
Goods	659,224	11,233	1,473,254	70,888	38,748	23,858	2,277,205	149,435	2,426,640
Chartered Services	62,013	292,800	118,109	224,120	61,769	124,330	883,141	3,318,471	4,201,612
Other Air Services	-	66,688	812	37,705	98,774	-	203,979	1,247,374	1,447,353
Total	6,287,570	751,835	31,370,249	465,377	851,778	418,955	40,145,864	4,930,729	45,076,593
Incidental Revenues, net	287,236	8,345	440,435	2,974	13,001	6,016	757,967	532,757	1,290,724
Grand Total	6,574,906	760,180	31,810,684	468,311	864,779	424,971	40,903,831	5,463,486	46,367,317

Table 5

	EXPENSES
Aircraft Operation and Maintenance	3,434,971
Ground Operation and Maintenance..	1,552,568
Traffic Expenses	420,366
General Administration	535,788
General Taxes	21,478
Grand Total	5,965,771
Aircraft Operation and Maintenance	437,044
Ground Operation and Maintenance..	116,888
Traffic Expenses	25,586
General Administration	69,968
General Taxes	2,200
Grand Total	651,686
Aircraft Operation and Maintenance	17,600,936
Ground Operation and Maintenance..	8,191,237
Traffic Expenses	3,962,735
General Administration	1,384,436
General Taxes	179,269
Grand Total	31,318,613
Aircraft Operation and Maintenance	553,415
Ground Operation and Maintenance..	105,301
Traffic Expenses	73,032
General Administration	72,054
General Taxes	-
Grand Total	803,802
Aircraft Operation and Maintenance	238,835
Ground Operation and Maintenance..	75,637
Traffic Expenses	32,700
General Administration	26,926
General Taxes	1,221
Grand Total	375,319
Aircraft Operation and Maintenance	22,584,799
Ground Operation and Maintenance..	10,127,891
Traffic Expenses	4,520,674
General Administration	2,130,063
General Taxes	207,916
Grand Total	39,571,343
Aircraft Operation and Maintenance	3,851,424
Ground Operation and Maintenance..	884,229
Traffic Expenses	108,068
General Administration	662,078
General Taxes	21,920
Grand Total	5,527,719
Aircraft Operation and Maintenance	26,436,223
Ground Operation and Maintenance..	11,012,120
Traffic Expenses	4,628,742
General Administration	2,792,141
General Taxes	229,836
Grand Total	45,099,062

+ North American Service only.

CIVIL AVIATION, 1950

Table 6

	Canadian Pacific Airlines (including Quebec Airways)	Maritime Central	Trans-Canada Air Lines	Central Northern	Queen Charlotte	Rimouski Air Lines	Total Scheduled Air Lines	Other Canadian Carriers	Foreign International	Grand Total
Aircraft Miles - Scheduled	4,236,121	423,375	18,528,024	159,496	700,117	176,854	24,223,987	-	N/A	24,223,987
Miles Flown - Revenue	4,594,893	815,433	18,648,390	786,943	1,267,135	441,760	26,524,554	12,022,964	1,354,417	39,901,955
Non-revenue	112,791	12,277	466,000	34,664	37,453	8,671	571,456	790,654	14,439	1,466,559
Total	4,707,284	827,710	19,114,390	791,607	1,304,588	450,431	27,196,010	12,803,628	1,368,856	41,368,494
Passengers Carried -										
Revenue Originated	135,947	23,043	743,007	8,938	54,655	47,450	1,017,040	155,053	279,750	1,401,843
Received from others (Revenue)	11,108	2,325	47,534	-	-	98	61,065	-	-	61,065
Company Employees	2,013	358	35,302	16	126	82	37,902	1,710	3,208	41,110
Other non-revenue	354	156	4,013	3	73	41	4,650	643	643	7,003
Total	147,427	31,392	823,856	8,957	54,864	47,571	1,120,657	156,763	283,601	1,511,021
Goods Carried (5) -										
Revenue Originated	6,035,645	462,847	9,473,654	3,599,378	583,212	1,314,583	21,470,229	17,895,198	(2) 3,780,144	43,145,571
Received from other carriers (rev.) ..	4,563	35,195	44,345	-	-	6,993	92,102	-	-	92,102
Non-revenue	388,352	-	2,525,699	30,094	-	1,489	2,945,624	167,624	330,273	3,443,521
Total	6,429,566	499,042	12,043,698	3,629,372	583,212	1,323,065	24,507,955	18,062,822	4,110,417	46,681,194
Mail Carried	3,045,734	552,477	9,595,723	234,430	18,579	304,512	12,751,448	361,827	(3) 1,128,248	14,241,523
Passenger Miles -										
Revenue	53,617,559	5,976,376	379,584,598	700,059	5,065,474	2,254,322	447,198,288	10,229,541	16,939,336	474,367,165
Company Employees	924,554	28,285	21,558,207	2,252	10,569	6,256	22,530,153	-	-	22,530,153
Other non-revenue	156,530	26,633	1,470,312	1,228	7,722	2,804	1,665,229	132,489	825,597	2,683,315
Total	54,698,683	6,031,194	402,613,117	703,539	5,083,755	2,263,382	471,393,670	10,422,030	17,764,933	499,580,633
Revenue Passenger Miles to Available Seat Miles (6) P.C.	54.2	34.0	69.1	-	52.6	56.7	67.2	-	43.1	65.8
Ton Miles - Goods - Revenue	1,092,923	76,714	3,585,775	186,726	26,754	36,562	5,005,454	848,935	566,304	6,420,693
Non-revenue	91,732	-	1,397,231	2,024	-	16	1,491,003	10,102	157,415	1,658,520
Total	1,184,655	76,714	4,983,006	188,750	26,754	36,578	6,496,457	859,037	723,719	8,079,213
Ton Miles - Mail	406,737	23,154	3,644,752	12,260	1,436	12,875	4,101,214	20,531	171,702	4,293,447
Gasoline Consumed	2,452,929	346,127	15,521,690	222,832	421,286	171,564	19,136,428	1,978,947	(4) 973,200	22,088,575
Cost \$	908,927	109,913	4,546,235	101,423	117,960	59,595	5,844,053	848,306	-	6,692,359
Oil Consumed	28,852	3,783	184,874	4,037	6,998	1,489	230,078	35,294	(4) 9,998	275,370
Cost \$	28,702	3,410	160,779	3,625	6,928	1,399	204,843	43,997	-	247,940
Hours Flown - Revenue	31,958	5,026	101,730	6,838	11,335	3,400	160,277	78,670	7,706	246,653
Non-revenue	784	93	2,758	347	360	62	4,404	7,924	81	12,409
Miscellaneous	-	777	6	431	504	-	1,718	46,936	-	48,654
Total	32,742	5,896	104,494	7,606	12,199	3,462	166,399	133,530	7,787	307,716

- (1) Includes 10,827 passengers between foreign stations.
 (2) Includes 1,096,391 lbs. of goods between foreign stations.
 (3) Includes 292,908 lbs. of mail between foreign stations.
 (4) Purchased in Canada.
 (5) Includes excess baggage.
 (6) Computed for routes which were primarily scheduled passenger routes.
 † North American service only.

Table 7

EMPLOYEES, SALARIES AND WAGES

Canadian Carriers	Employees	Salaries and Wages	Companies	Employees	Salaries and Wages
General Officers	393	2,006,462	Canadian Pacific Air Lines	816	2,485,251
Clerks and Stenographers	946	2,002,636	Maritime Central Air Lines	71	213,038
Pilots	361	2,272,475	Trans-Canada Air Lines	4,581	14,252,666
Co-Pilots	176	803,848	Central Northern Air Lines	47	151,592
Despatchers	69	253,460	Queen Charlotte Air Lines	99	281,538
Communication Operators	459	1,058,985	Rimouski Air Lines	38	97,175
Stewards and other Attendants	215	556,179	Total Scheduled	5,652	17,481,260
Air Engineers	352	1,160,737	Other Canadian Carriers	685	1,777,515
Mechanics	1,497	4,446,142	Total Canadian Carriers	6,337	19,252,775
Airport Employees	769	1,910,675	Foreign International Carriers (1)	114	320,321
Stores Employees	197	472,738	Non-Commercial	102	209,442
Other Employees	816	2,111,418			
Unclassified	87	185,020	Grand Total	6,553	19,782,538
Total	6,337	19,252,775			

(1) Employees domiciled in Canada only

ACCIDENTS INVOLVING CANADIAN CARRIERS 1947 - 1950 (1)

	1947	1948	1949	1950	1947	1948	1949	1950
Number of Accidents	279	190	142	148				
Personal Injury					Type of Flying			
No. of Personnel -					Instructional	11		6
Pilot - Fatal	16	30	23	26	Practice	27	7	7
- Serious	14	17	6	5	Private	17	12	7
- Minor	17	12	9	8	Commercial	96	51	70
Crew - Fatal	3	2	4	6	Scheduled	134	59	50
- Serious	2	4	1	-	Non-scheduled	2	1	1
- Minor	1	-	2	1	State	104	56	46
Passengers - Fatal	30	59	55	66	Other (includes ferry test, etc.)	6	3	6
- Serious	12	9	6	8		5	13	11
- Minor	18	12	17	2				
Other - Fatal	-	-	-	1	Probable Cause			
- Serious	1	1	1	-	Personnel	56.0	60.7	65.9
Operational Phase					Material Failure	14.29	8.2	8.8
Ground					Weather	8.71	3.7	4.7
Starting	19	2	-	1	Aerodrome Terrain or Water	16.0	10.7	13.3
Taxing	-	-	-	1	Miscellaneous	2.0	0.0	0.8
Take-off	34	20	19	9	Undetermined	3.0	10.5	6.5
Flight	66	40	36	29				
Landing	44	55	35	39				
	116	73	52	68				
						100.0	100.0	100.0

(1) As reported by Civil Aviation, Department of Transport, and replacing previous tabulation.

D.B.S. MEMORANDUM

51-202

Dominion Bureau of Statistics, Ottawa, Canada

CIVIL AVIATION

Vol. 12

1952

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INTRODUCTION

During 1951, the monthly civil aviation reporting forms supplied to the co-operating air carriers were revised by the Air Transport Board and taken into use for the first time in the report for January, 1952. These revisions and extension of the statistics have also been incorporated into this annual report for the year 1952 as the annual includes statistics on the same basis as the monthly summaries covering 1952 operations. Tabular material has been rearranged to give a broader coverage but comparability with previous data has been maintained as far as possible. Scheduled domestic services, non-scheduled domestic services, trans-border services and Atlantic and Pacific services are shown separately as well as operation of foreign carriers on trans-border and overseas services to and from Canadian stations. Some of the terminology is different but the items are fairly comparable with data published for previous years. Charter and contract services are no longer given separately but are combined in "Bulk Transportation". Table I, "Statistical Summary" has been revised to include the overseas services of T.C.A. and C.P.A. so that the previous years data are on a comparable basis with 1952. Tables 2 and 3, "Balance Sheet" and "Property Account" have been extended to conform with the new "Classification of Accounts for Commercial Air Carriers", effective January 1, 1952. Freight or goods includes freight, express and mail when transported other than under the Post Office Department's contract.

Review of 1952 Operations

Canadian air carriers carried the greatest number of passengers and the largest amount of goods and mail in history in 1952, but high operating costs sliced their operating income almost in half to \$3,763,948 from the all-time high of \$6,990,586 reported in 1951. The total compares favorably, however, with the 1950 net and contrasts sharply with the deficits reported in the seven years previous to 1950.

During the year under review, the industry continued to grow steadily and in some respects, rapidly. The extent of the spectacular expansion of the industry since World War II is depicted in the charts on pages 3 and 5 which present revenue miles flown, the number of revenue passengers carried, the amount of revenue goods and mail transported and a graph of the operating revenues received by Canadian carriers over the ten year period 1943 to 1952. As shown by these charts the number of revenue miles flown has increased from 13.9 million in 1943 to 50.1 million in 1952 or by 3.6 times; the number of revenue passengers carried rose 8 fold, to nearly two million from 230 thousand in 1943; revenue goods carried aggregated 125.4 million pounds as compared with the 1943 total of 11.1 million and the amount of mail at 14.9 million pounds was more than 2.4 times the 6.3 million pounds reported in 1943.

A statistical summary covering the six year period, 1947 to 1952 is presented in table I from which it can be noted that all the reported items, except the number of hours flown, show substantial gains over the previous year. The number of hours flown decreased to 491,722 from 582,707 because of the employment of faster, heavier capacity aircraft. The total revenue miles flown amounted to 58,775,340 during the year exceeding the 1951 total of 52,578,934 miles by 6,196,406 or 11.8 per cent. Revenue passengers carried numbered 2,298,194 as compared with 1,889,950 in the previous year, an increase of 21.6 per cent while the number of revenue passenger miles flown in unit toll transportation only rose 16.8 per cent to 805,642,141 from 689,819,451.

The volume of revenue freight carried at 135,055,106 lbs., was more than double the 59,199,354 lbs. reported for the year 1951 due in large extent to the greatly accelerated activity in the Northern regions of the country. Another new record was established for the volume of air mail which reached a total of 18,328,310 lbs. and exceeded the previous record of 16,824,652 lbs. which was set in 1951, by 8.9 per cent. Mail ton miles rose to 5,725,178 from 5,306,076, an increase of 7.9 per cent.

As shown in table 2, the General Balance Sheet, the total value of the assets of Canadian scheduled air carriers advanced to \$62,987,276 from \$56,831,596 at the end of 1951. Investments rose to \$13,974,366 from \$11,036,349 and fixed assets, less depreciation increased to \$28,755,658 from \$24,385,732. On the liability side, current liabilities were higher at \$11,702,093 as compared with \$9,859,087 in the previous year while surplus advanced to \$5,063,225 from \$2,826,734. Assets of the non-scheduled carriers increased more rapidly to \$10,617,408 from \$5,870,463. The property and equipment account, table 4, depreciated \$1,033,550 to \$23,761,151 from \$24,794,701 one year earlier with all items sharing in the decrease. Additions during the year rose appreciably to \$9,013,663 from \$6,940,014 and retirements from \$1,114,918 to \$3,849,101. Accrued depreciation at the end of the year amounted to \$29,004,109 for an increase of \$5,795,567 over the year ending December 31, 1951.

Transportation statistics as summarized in table I are given in detail in tables 6, 7 and 9 to 14. Gasoline consumed by Canadian air carriers which amounted to 31,146,021 gallons in 1951, rose to 38,885,158 gallons, a rise of 24.8 per cent while the cost which was \$9,708,577 a year ago advanced 28.7 per cent to \$12,498,175. The industry also consumed 484,222 gallons of oil at a cost of \$490,258 as compared with 357,351 gallons costing \$324,134 in 1951. The average cost per gallon to Canadian carriers for both gasoline and oil thus rose from 31.2 to 32.1 cents and from 90.7 to 101.2 cents per gallon, respectively.

Salaries and wages for the 9,398 employees engaged by Canadian carriers amounted to \$35,404,009 for the year which compares with 7,672 employees who earned \$26,143,822 in 1951. The average salary thus rose from \$3,407.69 to \$3,767.19, a gain of 10.5 per cent. The number of pilots increased to 703 from 469 a year earlier. All other classes of personnel also show increases over the previous period (table 18).

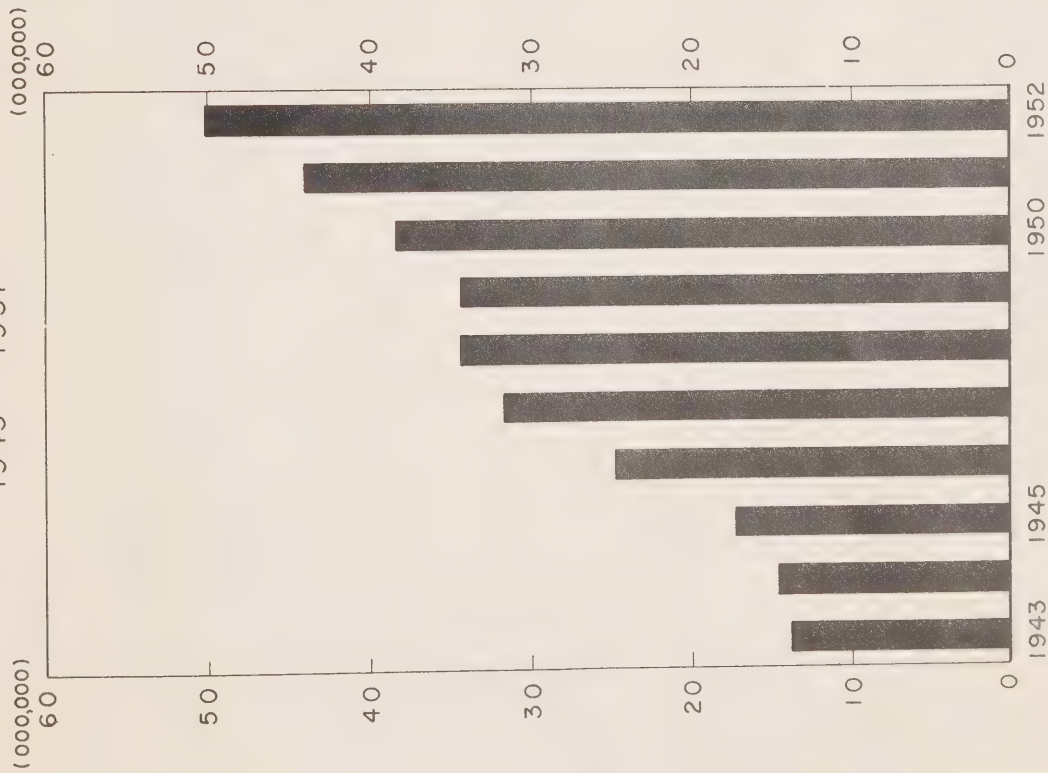
For the second consecutive year, Canadian carriers, including their overseas services table 8, show a credit balance transferred to the profit and loss account as net income after the provision for income taxes amounted to \$1,372,385, down considerably from the net of \$5,358,773 reported for the year 1951 due to higher operating costs and expenses involved in partial payment of the thirty month 35 million dollar expansion program undertaken by Trans-Canada Airlines. The non-scheduled carriers, however, more than doubled their net income to \$231,977, up from \$106,503 in 1951. Total operating revenues amounted to \$90,519,295, an increase of \$10,974,203 or 13.8 per cent over the previous year, while operating expenses, rising more rapidly, reached \$86,755,347 up 21.8 per cent. Net operating revenues were, therefore, correspondingly lower at \$3,763,948.

Revenues and expenses are presented in detail in tables 15, 16 and 17. Revenues received from passenger fares climbed to \$51,681,699, a gain of \$5,622,217 or 12.2 per cent over the 1951 total of \$46,059,482. Goods, mail and excess baggage also showed considerable improvement while bulk transportation revenue rose more widely to \$16,952,037 from \$10,202,691, a splendid gain of 66.2 per cent. All expense items were sharply higher. Aircraft operation and maintenance advanced to \$51,099,026 from \$38,282,623 and accounted for 58.9 per cent of the total as compared to 58.0 per cent in 1951. Ground expenses totalled \$21,002,448, up 28.0 per cent while traffic expenses climbed to \$8,597,499 from \$7,269,025 or 18.3 per cent above 1951.

Accidents involving Canadian carriers during 1952 numbered 169 compared with 137 in 1951, 148 in 1950 and 142 in 1949 and 190 in 1948, according to the compilations of the Civil Aviation Division, Department of Transport. This table shows 57 fatalities for 1952 against 109 in 1951 and 99 in 1950. The number of passengers killed dropped to 26 from 77 in the previous year while 28 pilots lost their lives against 23 in 1951.

REVENUE MILES FLOWN BY CANADIAN CARRIERS *

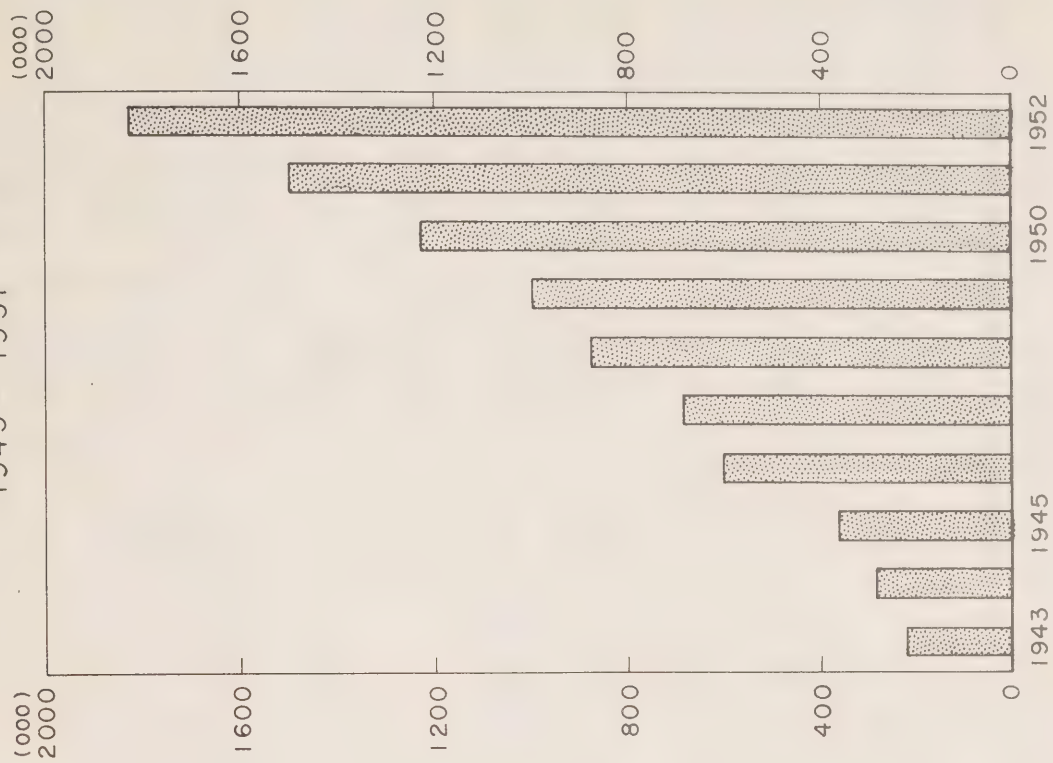
1943 — 1951



* Excludes C.P.A., T.C.A. overseas routes

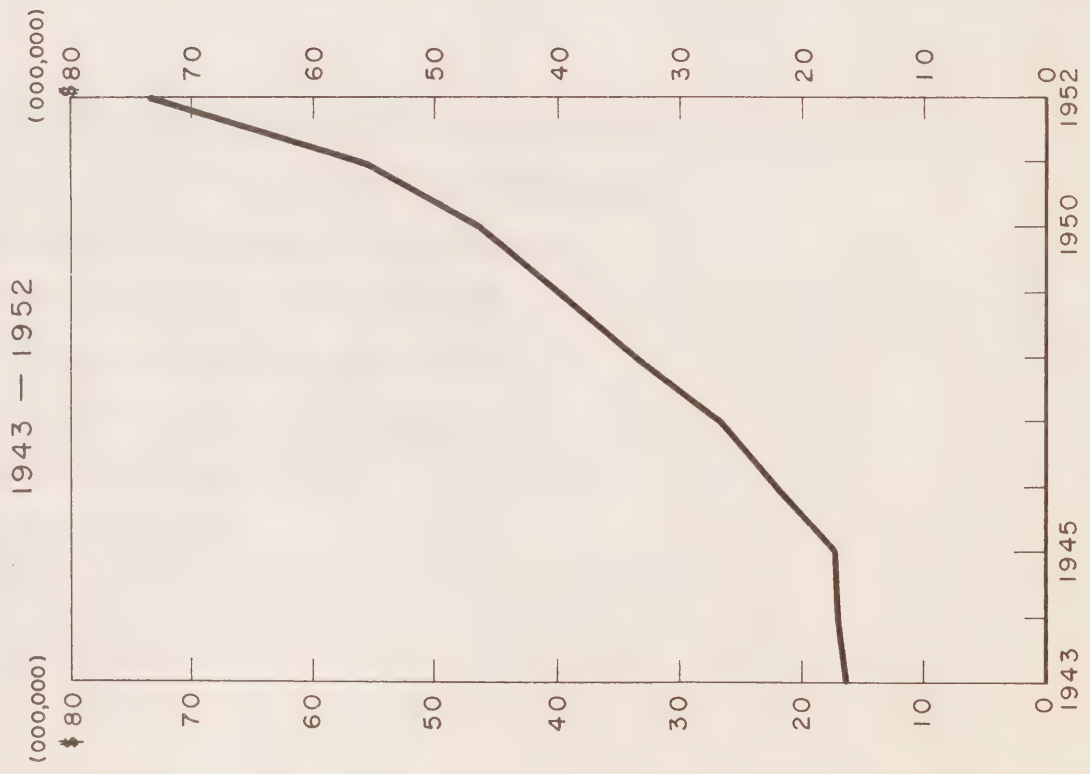
NUMBER OF REVENUE PASSENGERS CARRIED BY CANADIAN CARRIERS *

1943 — 1951



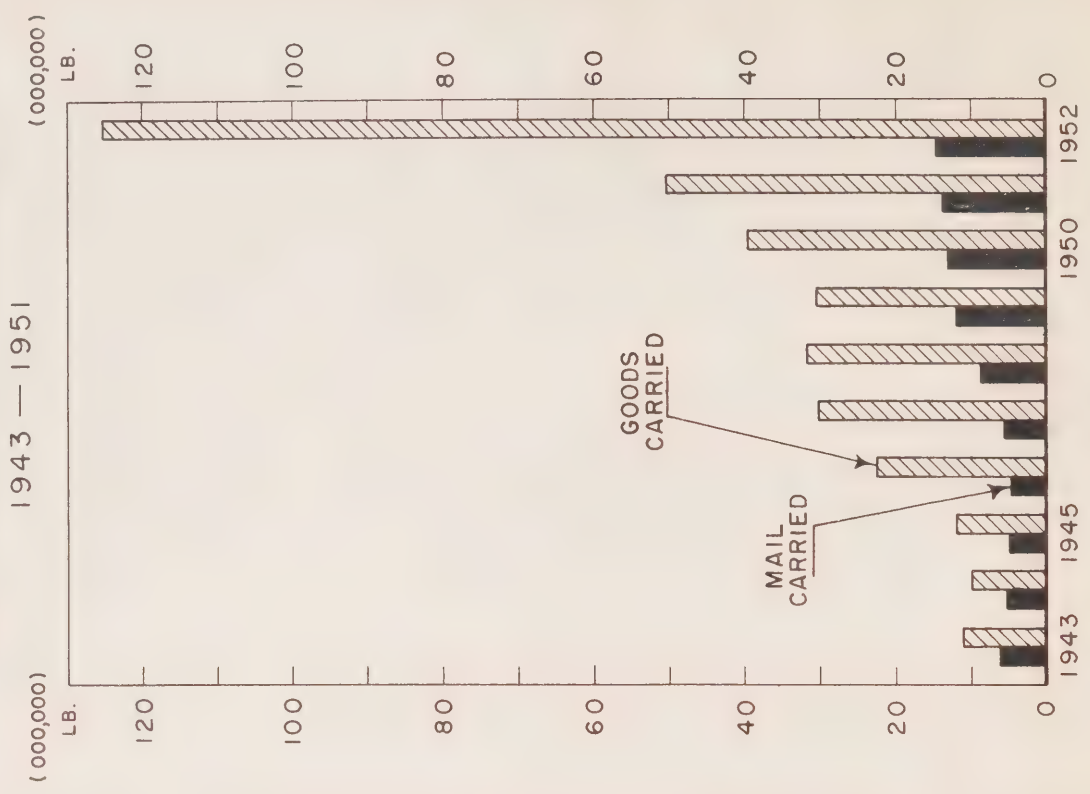
* Excludes C.P.A., T.C.A. overseas routes

OPERATING REVENUES OF CANADIAN CARRIERS *



* Excludes C.P.A., T.C.A. overseas routes

REVENUE GOODS AND MAIL CARRIED BY CANADIAN CARRIERS *



* Excludes C.P.A., T.C.A. overseas routes

TABLE 1

STATISTICAL SUMMARY 1947 - 1952 (1)

	1952	1951	1950	1949	1948	1947
Miles Flown - Revenue	58,775,340	52,578,934	44,470,174	40,083,834	40,524,432	35,573,326
Hours Flown	469,677	507,745	267,282	245,956	251,593	229,382
Non-revenue	22,045	74,962	62,232	54,460	71,394	65,552
Total	491,722	582,707	329,514	300,416	322,987	294,934
Passengers Carried - Revenue	2,298,194	1,889,950	1,500,361	1,258,614	1,092,825	909,394
Non-revenue	62,653	58,030	52,985	49,683	43,383	47,307
Total	2,360,847	1,947,980	1,553,346	1,308,297	1,136,208	956,701
Passenger Miles - Revenue (Unit Toll Transportation only) ...	805,642,141	689,819,451	550,534,058	464,609,486	410,167,681	273,867,217
Non-revenue " "	33,945,124	31,420,440	33,286,119	29,470,517	23,469,692	21,133,043
Total	839,587,265	721,239,891	583,820,177	494,080,003	433,637,373	295,000,260
Goods Carried (lbs.) - Revenue	135,055,106	59,199,354	44,586,726	35,119,684	35,301,494	32,291,824
Non-revenue	5,679,436	4,587,063	3,899,517	3,641,128	3,083,652	2,540,483
Total	140,734,542	63,786,417	48,486,243	38,760,812	38,385,146	34,832,307
Goods Ton Miles - Revenue (Unit Toll Transportation only) ...	10,134,861	8,562,261	6,867,410	5,401,245	3,924,745	2,335,791
Non-revenue " "	2,519,711	2,440,113	2,180,200	2,072,815	1,620,287	889,172
Total	12,654,572	11,002,374	9,047,610	7,474,060	5,545,032	3,224,963
Mail Carried (lbs) - Unit Toll Transportation	18,328,310	16,824,652	14,501,110	13,752,434	10,340,024	7,118,074
Mail Ton Miles - Unit Toll Transportation	5,725,178	5,306,076	4,732,670	4,513,391	3,230,139	1,897,698
Fuel Consumed - Gasoline - gals.	45,542,485	36,722,262	27,335,505	24,760,805	22,801,136	16,507,632
- cost	12,498,175	9,708,577	8,332,496	7,668,938	6,946,085	4,064,417
Oil	547,501	412,272	338,771	311,093	290,512	211,385
- cost	490,258	324,134	302,923	271,601	268,472	175,713
Average Number of Employees	9,746	8,107	7,239	7,304	6,927	6,706
Salaries and Wages	36,625,014	27,399,363	22,111,551	21,700,697	18,685,759	15,318,223
Operating Revenues - Unit Toll Transportation	66,882,820	59,480,858	49,257,054	42,776,983	35,342,008	25,380,179
Bulk Transportation	16,952,037	10,202,691	5,231,266	4,285,962	5,887,955	3,848,370
Other revenue services	6,684,438	3,367,983	2,920,098	2,710,463	3,364,621	2,671,603
Total	90,519,295	73,051,532	57,408,418	49,803,408	44,594,584	31,900,152
Operating Expenses - Aircraft Operation and Maintenance	51,099,026	38,282,623	33,915,060	30,973,286	28,296,012	19,680,333
Ground Operation and Maintenance	21,002,448	16,407,372	14,236,754	13,325,960	11,792,962	9,033,670
Traffic, General Admin. and Taxes	14,653,873	11,370,951	9,408,249	8,796,179	7,140,972	5,485,836
Total	86,755,347	66,060,946	57,560,063	53,095,425	47,229,946	34,199,839
Operating Income (or loss)	3,763,948	6,990,586	Dr. 151,645	Dr. 3,292,017	Dr. 2,635,362	Dr. 2,299,687

(1) 1947 to 1951 revised to include C.P.A. and T.C.A. Overseas Services, subsequently included.

GENERAL BALANCE SHEET

SCHEDULED CARRIERS

TABLE 2

	Canadian (1) Pacific Air Lines	Central Northern Airways	Maritime Central Airways	Queen Charlotte Airlines	Quebecair Inc.	Trans- Canada Air Lines	Total Scheduled Carriers
ASSETS							
Current Assets	4,256,143	252,785	611,663	273,596	151,239	9,443,522	14,988,948
Investments	438,617	5,145	755	2,422	-	13,527,427	13,974,366
Deferred Debits	25,309	25,266	15,456	24,634	12,647	-	103,312
Special Funds	-	-	-	-	-	5,164,992	5,164,992
Fixed Assets (less depreciation)	10,594,074	227,764	636,940	295,136	290,530	16,711,214	28,755,658
Total	15,314,143	510,960	1,264,814	595,788	454,416	44,847,155	62,987,276
LIABILITIES							
Current Liabilities	2,665,763	83,288	541,803	660,823	136,391	7,614,025	11,702,093
Long Term Debt	3,150,000	22,414	9,976	-	236,290	10,122	3,428,802
Deferred Credits	166,175	-	12,743	-	-	1,498,416	1,677,334
Reserves	511,192	-	12,524	-	-	6,025,756	6,549,472
Capital Stock	9,000,000	355,750	60,000	85,800	64,800	25,000,000	34,566,350
Surplus	178,987	49,508	627,768	Dr. 150,835	16,935	4,698,836	5,063,225
Total	15,314,143	510,960	1,264,814	595,788	454,416	44,847,155	62,987,276

(1) Includes Overseas Services.

NON-SCHEDULED CARRIERS

TABLE 3

	Class "B" Carriers	Class "C" Carriers	Class "D" Carriers	Total Non-Scheduled
ASSETS				
Current Assets	2,905,128	897,147	461,260	4,263,535
Fixed Assets (less depreciation)	3,818,078	1,061,928	740,589	5,620,595
Other Assets	326,019	336,295	70,964	733,278
Total	7,049,225	2,295,370	1,272,813	10,617,408
LIABILITIES				
Current Liabilities	2,633,706	687,916	280,725	3,602,347
Other Liabilities	3,047,072	580,431	312,863	3,940,366
Incorporated Companies - Capital Stock	784,004	799,710	449,904	2,033,618
- Surplus	488,571	70,624	21,454	396,493
Non-Incorporated businesses - Net Worth	95,872	297,937	250,775	644,584
Total	7,049,225	2,295,370	1,272,813	10,617,408

TABLE 4

PROPERTY ACCOUNT, 1952
(Net Value, end of year)

	(1) Canadian Pacific Air Lines	Central Northern Airways	Maritime Central Airways	Queen Charlotte Airways	Quebecair Inc.	Trans- Canada Air Lines	Total Scheduled Airlines	Class "B" Carriers	Grand Total
<u>Property and Equipment</u>									
Aircraft	5,740,187	114,447	468,634	133,358	210,812	5,167,835	11,835,273	2,155,297	13,990,570
Aircraft Engines	1,116,538	60,870	78,024	14,160	20,161	1,247,837	2,537,590	527,498	3,065,088
Motor Vehicles and Floating Equipment	44,508	1,559	12,912	9,874	2,219	405,116	476,188	131,926	608,114
Aircraft Communication and Equipment	-	3,604	9,674	3,663	-	151,421	168,362	-	168,362
Communication Equipment (ground)	12,814	5,110	6,080	1,920	11,684	52,612	90,220	-	90,220
Miscellaneous Flying Equipment	-	Dr. 706	-	686	2,770	20,365	23,115	111,521	134,636
Shop and Hangar Equipment	190,226	7,936	9,844	1,744	9,463	1,010,007	1,229,220	112,100	1,341,320
Fuel Storage and Distribution Equipment	-	-	-	-	-	-	-	-	-
Furniture, Fixtures and Office Equipment	64,041	4,721	8,086	24,812	8,566	712,503	822,729	35,708	858,437
Airport Lighting Equipment	-	-	-	-	-	-	-	-	-
Miscellaneous Ground Equipment	33,208	-	899	3,425	6,875	203,413	247,820	78,419	326,239
Buildings	493,021	28,182	41,447	24,004	5,920	2,133,792	2,726,366	451,799	3,178,165
Total Net Value	7,694,543	225,723	635,600	217,646	278,470	11,104,901	20,156,883	3,604,268	23,761,151
<u>Additions, Retirements, Depreciation</u>									
<u>Cost Value of Assets</u>									
At beginning of year	9,075,406	495,767	795,550	480,771	187,832	31,029,784	42,065,110	5,535,588	47,600,698
Additions during year	4,204,665	85,467	894,271	63,972	223,430	1,142,075	6,613,880	2,399,783	9,013,663
Retirement during year	2,331,278	68,556	406,086	31,854	4,590	608,352	3,450,716	398,385	3,849,101
At the end of year	10,948,793	512,678	1,283,735	512,889	406,672	31,563,507	45,228,274	7,536,986	52,765,260
<u>Accrued Depreciation</u>									
At beginning of year	2,910,203	235,134	480,166	190,738	59,974	16,777,206	20,653,421	2,625,995	23,279,416
Decreases	1,040,810	60,535	219,792	9,988	4,590	568,008	1,903,723	194,170	2,097,893
Provision for depreciation - current year ..	1,384,857	112,356	387,761	114,493	72,818	4,249,408	6,321,693	1,500,893	7,822,586
At the end of year	3,254,250	286,955	648,135	295,243	128,202	20,458,606	25,071,391	3,932,718	29,004,109
Total Net Value	7,694,543	225,723	635,600	217,646	278,470	11,104,901	20,156,883	3,604,268	23,761,151

TABLE 5

STATEMENT OF EARNED SURPLUS AND NET WORTH, 1952

Credit balance at beginning of year	Dr. 543,275	20,502	200,822	104,817	8,443	3,890,957	3,682,266	283,184	3,965,450
Additions - Net Income for the year	364,288	42,756	171,559	-	11,355	807,880	1,397,838	222,858	1,620,696
Miscellaneous credits	85,344	-	368,973	1,778	-	-	456,095	27,054	483,149
Total additions	449,632	42,756	540,532	1,778	11,355	807,880	1,853,933	249,912	2,103,845
Deductions - Deficit for the year	-	-	-	257,430	-	-	257,430	78,055	335,485
Miscellaneous debits	85,344	-	50,932	-	-	-	136,276	24,868	161,144
Dividends	-	13,750	145,254	-	2,863	-	161,867	9,280	171,147
Deductions from Net Worth	-	-	-	-	-	-	-	990	990
Total Deductions	85,344	13,750	196,186	257,430	2,863	-	555,573	113,193	668,766
Credit balance at end of year	Dr. 178,987	49,508	545,168	Dr. 150,835	16,935	4,698,837	4,980,626	419,903	5,400,529

(1) Includes Overseas Services.

TABLE 6

- 8 -

(1) Includes miles flown on regular scheduled flights only.
(2) Included in Scheduled Domestic Services.
(3) Gasoline and oil taken on in Canada.
(4) Not available.

TABLE 7

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[illegible]

REVENUES AND EXPENSES

1952

TABLE 8

	Canadian Carriers			
	Domestic Services		Atlantic & Pacific Services	Total
	Scheduled (1)	Non-Scheduled		
Operating Revenues	\$	\$	\$	\$
Unit Toll Transportation - Passengers	42,148,217	292,262	9,241,220	51,681,699
- Mail	7,465,215	214,723	2,150,781	9,830,719
- Goods	3,230,958	359,159	1,299,546	4,889,663
- Excess Baggage	385,451	7,655	87,633	480,739
Total Unit Toll Transportation	53,229,841	873,799	12,779,180	66,882,820
Bulk Transportation	3,232,568	9,651,859	4,067,610	16,952,037
Other Flying Services	120,051	4,178,304	-	4,298,355
Total Flying Services	56,582,460	14,703,962	16,846,790	88,133,212
Non-flying Services	1,517,124	699,699	169,260	2,386,083
Total Operating Revenues	58,099,584	15,403,661	17,016,050	90,519,295
Operating Expenses				
Aircraft Operation and Maintenance	29,929,030	11,228,635	9,941,361	51,099,026
Ground Operation and Maintenance	15,064,756	2,134,406	3,803,286	21,002,448
Traffic	6,469,240	193,450	1,934,809	8,597,499
General Administration	3,261,924	1,372,619	984,629	5,619,172
General Taxes	309,055	64,552	63,595	437,202
Total Operating Expenses	55,034,005	14,993,662	16,727,680	86,755,347
Operating Income (or loss)	3,065,579	409,999	288,370	3,763,948
Add Non-operating Income	(2) 756,754	103,147	206	860,107
Gross Income	3,822,333	513,146	288,576	4,624,055
Deduct Interest and Other Income Charges	(2) 450,011	131,782	279,053	860,846
Net Income before Income Taxes	3,372,322	381,364	9,523	3,763,209
Deduct Provision for Income Taxes	(2) 2,241,437	149,387	-	2,390,824
Net Income (or deficit) after Income Taxes	1,130,885	231,977	9,523	1,372,385
Operating Ratio	94.7	97.3	98.3	95.8

(1) Includes Canadian Trans-Border Services.

(2) Includes C.P.A. Pacific Services.

Note: Revenues and Expenses for Foreign Carriers not available.

GENERAL STATISTICS

CANADIAN SCHEDULED CARRIERS - DOMESTIC SERVICES

TABLE 9

1952

	Canadian Pacific Air Lines	Central Northern Airways	Maritime Central Airways	Queen Charlotte Airlines	Quebecair Inc.	Trans- Canada Air Lines	Total
Miles Scheduled	5,512,654	253,198	466,521	708,915	(3) 348,011	19,509,653	26,798,952
Miles Flown							
Revenue - Unit Toll Transportation	5,891,152	544,729	421,860	1,163,333	348,011	19,540,246	27,909,331
Bulk Transportation	51,475	406,059	2,403,572	349,630	132,799	49,390	3,392,925
Total revenue	5,942,627	950,788	2,825,432	1,512,963	480,810	19,589,636	31,302,256
Non-revenue	145,667	53,616	96,208	96,045	27,317	931,760	1,350,613
Total Miles Flown	6,088,294	1,004,404	2,921,640	1,609,008	508,127	20,521,396	32,652,869
Hours Flown							
Revenue - Unit Toll Transportation	41,454	4,797	3,256	11,388	3,153	104,093	168,141
Bulk Transportation	435	3,862	13,963	3,301	942	274	22,777
Other Flying Services	-	-	519	-	715	8	1,242
Total revenue	41,889	8,659	17,738	14,689	4,810	104,375	192,160
Non-revenue	1,051	496	704	896	237	5,838	9,222
Total Hours Flown	42,940	9,155	18,442	15,585	5,047	110,213	201,382
Fuel Consumed							
Gasoline	3,142,923	295,499	1,520,606	577,880	319,408	16,531,417	22,387,733
Cost	1,184,708	130,346	517,191	182,756	109,303	4,935,817	7,060,121
Oil	32,711	5,261	19,426	10,309	3,641	198,560	269,908
Cost	33,244	4,915	18,034	10,309	3,308	194,046	263,856
Average No. of Employees	1,009	68	196	191	111	(2) 5,713	(2) 7,288
Salaries and Wages	3,678,594	252,894	718,828	763,257	269,676	(2) 21,993,960	(2) 27,677,209
Average No. of Aircraft - Owned	22	18	17	20	3	(2) 41	(2) 121
Leased	-	-	-	4	5	-	9
Total	22	18	17	24	8	(2) 41	(2) 130
Ratio of Miles Flown to Miles Scheduled (1)	96.3	67.7	89.2	81.8	100.0	96.5	95.7
Revenue Passenger Load Factor - Scheduled	50.0	(4)	37.5	48.8	31.3	75.1	68.9

(1) Includes miles flown on regular scheduled flights only.

(2) Includes Trans-Border Services.

(3) Estimated.

(4) Not available.

GENERAL STATISTICS

CANADIAN CARRIERS

1952

TABLE 10 NON-SCHEDULED CARRIERS - DOMESTIC SERVICES

	Class "B" Carriers	Class "C" Carriers	Class "D" Carriers	Total
Miles Scheduled		Not Applicable		
Miles Flown				
Revenue - Unit Toll Transportation ...	739,076	122,434	67,012	928,522
Bulk Transportation	9,826,480	2,682,560	1,544,293	14,054,333
Total revenue	10,565,556	2,804,994	1,612,305	14,982,855
Non-revenue	(2)	(2)	(2)	(2)
Total Miles Flown				
Hours Flown				
Revenue - Unit Toll Transportation ...	6,952	950	599	8,501
Bulk Transportation	86,744	26,896	14,914	128,554
Other Flying Services	20,737	35,924	22,364	79,025
Total revenue	114,433	63,770	37,877	216,080
Non-revenue	5,396	3,643	2,014	11,053
Total Hours Flown	119,829	67,413	39,891	227,133
Fuel Consumed				
Gasoline	4,370,365	804,625	437,749	5,612,739
Cost	1,834,929	361,137	185,233	2,381,299
Oil	66,512	12,005	8,445	86,962
Cost	83,870	16,401	11,176	111,447
Average No. of Employees	909	266	143	1,318
Salaries and Wages	3,280,353	819,868	245,188	4,345,409
Average No. of Aircraft - Owned	205	143	132	480
Leased	10	13	8	31
Total	215	156	140	511
Ratio of Miles Flown to Miles Scheduled (1)	Not Applicable			
Revenue Passenger Load Factor - Scheduled	Not Applicable			

TABLE 11 ATLANTIC AND PACIFIC SERVICES

T.C.A. Atlantic Services	C.P.A. Pacific Services	Total
3,858,441	1,174,082	5,032,523
3,936,491	912,131	4,848,622
19,180	1,781,647	1,800,827
3,955,671	2,693,778	6,649,449
270,178	41,500	311,678
4,225,849	2,735,278	6,961,127
17,556	4,514	22,070
90	9,169	9,259
-	-	-
17,646	13,683	31,329
1,323	232	1,555
18,969	13,915	32,884
4,699,944	2,518,564	7,218,508
1,381,910	801,952	2,183,862
59,987	31,327	91,314
53,449	33,530	86,979
504	288	792
2,113,011	1,268,380	3,381,391
4	9	13
-	-	-
4	9	13
99.1	77.4	94.1
70.5	59.8	68.6

(1) Includes miles flown on regular scheduled flights only.

(2) Not available.

TRANSPORTATION STATISTICS
CANADIAN SCHEDULED CARRIERS - DOMESTIC SERVICES

TABLE 12

1 9 5 2

	Canadian Pacific Air Lines	Central Northern Airways	Maritime Central Airways	Queen Charlotte Airlines	Quebecair Inc.	Trans- Canada Air Lines	Total
Passengers Carried							
Revenue - Scheduled	172,706	4,094	29,466	41,000	77,262	765,671	1,090,139
- Domestic Interline	13,547	-	3,225	-	-	11,681	28,453
- Foreign Interline	3,502	-	-	-	-	45,464	48,966
- Division Interline	-	-	-	-	-	37,822	37,822
Non-scheduled	3,294	6,483	-	16,063	-	-	25,840
Total Unit Toll Transportation	193,049	10,517	32,691	57,063	77,262	860,638	1,231,220
Bulk Transportation	465	4,728	24,670	7,135	5,578	5,957	48,533
Total revenue	193,514	15,245	57,361	64,198	82,840	866,595	1,279,753
Non-revenue	2,748	80	2,300	1,875	255	30,867	38,125
Total Passengers Carried	196,262	15,325	59,661	66,073	83,095	897,462	1,317,878
Passenger Miles - Unit Toll Transportation							
Revenue	77,437,637	1,153,214	2,909,587	6,101,037	3,953,807	44,906,867	540,616,149
Non-revenue	1,489,466	12,256	186,051	224,322	24,006	21,357,912	23,294,013
Total Passenger Miles	78,927,103	1,165,470	3,095,638	6,325,359	3,977,813	470,418,779	563,910,162
Goods Carried (lbs)							
Revenue - Scheduled	5,476,624	602,935	135,339	340,762	2,699,507	7,475,230	16,730,397
- Domestic Interline	8,768	-	44,119	-	-	3,492	56,379
- Foreign Interline	3,829	-	-	-	-	16,856	20,685
- Division Interline	-	-	-	-	-	1,902,280	1,902,280
Non-scheduled	176,932	1,391,214	-	195,525	-	-	1,763,671
Total Unit Toll Transportation	5,666,153	1,994,149	179,458	536,287	2,699,507	9,397,858	20,473,412
Bulk Transportation	151,317	2,359,383	7,380,924	14,621	88,168	251,930	10,246,343
Total revenue	5,817,470	4,353,532	7,560,382	550,908	2,787,675	9,649,788	30,719,755
Non-revenue	340,766	22,073	-	39,394	-	2,789,891	3,192,124
Total Goods Carried	6,158,236	4,375,605	7,560,382	590,302	2,787,675	12,439,679	33,911,879
Goods Ton Miles - Unit Toll Transportation							
Revenue	1,214,402	108,384	10,982	37,505	87,614	3,768,163	5,227,050
Non-revenue	100,121	2,061	-	2,928	-	1,583,265	1,688,375
Total Goods Ton Miles	1,314,523	110,445	10,982	40,433	87,614	5,351,428	6,915,425
Mail Carried (lbs) - Unit Toll Transportation							
Mail Ton Miles	2,122,596	381,162	564,364	110,338	656,331	9,937,294	13,772,085
Available Seat Miles - Scheduled	458,015	23,940	21,227	7,623	18,071	4,120,034	4,648,910
Available Ton Miles - Scheduled	150,179,331	-	7,753,088	7,304,089	12,638,917	598,233,478	776,108,903
Available Ton Miles - Scheduled	14,106,920	-	649,470	764,186	1,317,221	89,030,750	105,868,547

CANADIAN CARRIERS

- 14 -

NON-SCHEDULED CARRIERS - DOMESTIC SERVICES

Not Applicable

ATLANTIC AND PACIFIC SERVICES

T.C.A. Atlantic Services	C.P.A. Pacific Services	Total
52,609	2,865	55,474
-	98	98
-	471	471
168	-	168
-	-	-
52,777	3,434	56,211
160	9,774	9,934
52,937	13,208	66,145
4,758	165	4,923
57,695	13,373	71,068
106,688,308	19,817,758	126,506,066
5,669,551	716,117	6,385,668
112,357,859	20,533,875	132,891,734
1,759,824	77,609	1,837,433
-	5,439	5,439
-	9,863	9,863
23,372	20	23,392
-	-	-
1,783,196	92,931	1,876,127
-	-	-
1,783,196	92,931	1,876,127
375,323	66,334	441,657
2,158,519	159,265	2,317,784
2,193,165	219,678	2,412,843
421,175	182,977	604,152
2,614,340	402,655	3,016,995
393,263	57,454	450,717
625,244	146,608	771,852
151,386,306	33,140,690	184,526,996
23,487,120	3,756,364	27,243,484

CANADIAN SCHEDULED CARRIERS - DOMESTIC SERVICES

TABLE 15

1952

	Canadian Pacific Air Lines	Central Northern Airways	Maritime Central Airways	Queen Charlotte Airlines	Quebecair Inc.	Trans- Canada Air Lines(1)	Total (1)
	\$	\$	\$	\$	\$	\$	\$
Operating Revenues							
Unit Toll Transportation - Passengers	5,957,313	174,182	309,164	823,938	573,932	34,309,688	42,148,217
- Mail	1,331,144	66,783	157,691	29,761	35,836	5,844,000	7,465,215
- Goods	755,016	132,374	9,544	54,174	84,090	2,195,760	3,230,958
- Excess Baggage	89,531	4,593	3,152	9,220	12,173	266,782	385,451
Total Unit Toll Transportation	8,133,004	377,932	479,551	917,093	706,031	42,616,230	53,229,841
Bulk Transportation	61,549	277,376	2,370,300	299,278	131,937	92,128	3,232,568
Other Flying Services	-	-	80,602	-	38,306	1,143	120,051
Total Flying Services	8,194,553	655,308	2,930,453	1,216,371	876,274	42,709,501	56,582,460
Non-flying Services	138,444	47,128	7,331	11,379	10,797	1,302,045	1,517,124
Total Operating Revenues	8,332,997	702,436	2,937,784	1,227,750	887,071	44,011,546	58,099,584
Operating Expenses							
Aircraft Operation and Maintenance	4,559,752	503,185	2,004,041	918,694	536,156	21,407,202	29,929,030
Ground Operation and Maintenance	2,489,899	121,951	283,780	253,510	197,647	11,717,969	15,084,756
Traffic	459,722	8,995	88,142	160,511	68,062	5,683,808	6,469,240
General Administration	674,984	56,366	140,737	219,891	56,697	2,113,249	3,261,924
General Taxes	50,113	4,850	6,449	7,478	1,790	238,375	309,055
Total Operating Expenses	8,234,470	695,347	2,523,149	1,560,084	860,352	41,160,603	55,034,005
Operating Income (or loss)	(2)	7,089	414,635	Dr.	26,719	2,850,943	3,065,579
Add Non-operating Income	(2)	39,729	-	50,000	-	465,660	756,754
Gross Income	(2) Dr.	46,818	414,635	Dr.	26,719	3,316,603	3,822,333
Deduct Interest and Other Income Charges	(2)	1,962	10,076	-	9,123	491,900	450,011
Net Income before Income Taxes	(2)	44,856	404,559	Dr.	17,596	2,824,703	3,372,322
Deduct Provision for Income Taxes	(2)	2,100	233,000	Cr.	6,241	1,200,000	2,241,437
Net Income (or deficit) after Income Taxes	Dr.	42,756	171,559	Dr.	11,355	1,624,703	1,130,885
Operating Ratio	98.8	99.0	85.9	127.1	97.0	93.5	94.7

(1) Includes Canadian Trans-Border Services.

(2) Includes C.P.A. Pacific Services, Table 17.

REVENUES AND EXPENSES

CANADIAN CARRIERS

1952

TABLE 16 NON-SCHEDULED CARRIERS - DOMESTIC SERVICES

	Class "B" Carriers	Class "C" Carriers	Class "D" Carriers	Total
Operating Revenues				
Unit Toll Transportation - Passengers	250,716	17,104	24,442	292,262
- Mail	202,951	8,115	3,657	214,723
- Goods	329,632	27,847	1,680	359,159
- Excess Baggage ..	7,594	17	44	7,655
Total Unit Toll Transportation	790,893	53,083	29,823	873,799
Bulk Transportation	7,442,840	1,523,487	685,532	9,651,859
Other Flying Services	2,946,018	884,290	347,996	4,178,304
Total Flying Services	11,179,751	2,460,860	1,063,351	14,703,962
Non-flying Services	404,038	184,136	111,525	699,699
Total Operating Revenues	11,583,789	2,644,996	1,174,876	15,403,661
Operating Expenses				
Aircraft Operation and Maintenance	8,716,063	1,788,344	724,228	11,228,635
Ground Operation and Maintenance	1,528,659	422,512	183,235	2,134,406
Traffic	161,720	23,076	8,654	193,450
General Administration	844,585	392,525	135,509	1,372,619
General Taxes	42,952	17,908	3,692	64,552
Total Operating Expenses	11,293,979	2,644,365	1,055,318	14,993,662
Operating Income (or loss)	289,810	631	119,558	409,999
Add Non-operating Income	45,648	38,305	19,194	103,147
Gross Income	335,458	38,936	138,752	513,146
Deduct Interest and Other Income Charges ..	85,277	43,306	3,199	131,782
Net Income before Income Taxes	250,181	Dr. 4,370	135,553	381,364
Deduct Provision for Income Taxes	105,378	21,958	22,051	149,387
Net Income (or deficit) after Income Taxes ..	144,803	Dr. 26,328	113,502	231,977
Operating Ratio	97.5	100.0	89.8	97.3

TABLE 17 ATLANTIC AND PACIFIC SERVICES

	T.C.A. Atlantic Services	C.P.A. Pacific Services	Total
	\$	\$	\$
	7,712,928	1,528,292	9,241,220
	1,854,641	296,140	2,150,781
	1,184,577	114,969	1,299,546
	83,403	4,230	87,633
	10,835,549	1,943,631	12,779,180
	46,395	4,021,215	4,067,610
	-	-	-
	10,881,944	5,964,846	16,846,790
	164,217	5,043	169,260
	11,046,161	5,969,889	17,016,050
	6,078,989	3,862,372	9,941,361
	3,256,676	546,610	3,803,286
	1,485,121	449,688	1,934,809
	710,377	274,252	984,629
	52,974	10,621	63,595
	11,584,137	5,143,543	16,727,680
Dr.	537,976	826,346	288,370
	206	(1)	206
Dr.	537,770	826,346	288,576
	279,053	(1)	279,053
Dr.	816,823	826,346	9,523
	-	(1)	-
Dr.	816,823	826,346	9,523
	104.9	86.2	98.3

(1) Included in Canadian Pacific Air Lines, Table 15.

TABLE 18

EMPLOYEES, SALARIES AND WAGES

Canadian Carriers	Employees	Salaries and Wages	Companies	Employees	Salaries and Wages
General Officers	512	3,259,602	Canadian Pacific Air Lines (1)	1,297	4,946,974
Clerks and Stenographers	1,199	3,062,753	Central Northern Airways	68	252,894
Pilots	703	5,002,820	Maritime Central Airways	196	718,828
Co-Pilots	388	1,835,083	Queen Charlotte Airways	191	765,257
Dispatchers	119	540,049	Quebecair Inc.	111	269,676
Communication Operators	669	1,937,883	Trans-Canada Air Lines (1)	6,217	24,106,971
Stewards and other Attendants	405	1,256,423	Total Scheduled	8,080	31,058,600
Air Engineers	540	2,251,733	Class "B" Carriers	909	3,280,353
Mechanics	2,122	7,763,815	Class "C" Carriers	266	819,868
Airport Employees	1,388	4,251,294	Class "D" Carriers	143	245,188
Stores Employees	269	791,134	Total Canadian	9,398	35,404,009
Other Employees	1,084	3,451,420	Foreign Carriers - Trans-Border Services	161	557,073
Total	9,398	35,404,009	Atlantic & Pacific Services	187	663,932
			Total Carriers	9,746	36,625,014

(1) Includes Overseas Services.

TABLE 19

ACCIDENTS INVOLVING CANADIAN AIR CARRIERS 1948 - 1952 (1)

	1948	1949	1950	1951	1952	1948	1949	1950	1951	1952
Casualties										
Pilot - Fatal	30	23	26	23	28	Number of Accidents	190	142	137	169
- Serious	17	6	5	9	13	Type of Flying				
- Minor	12	9	8	17	18	Instructional	7	4	1	2
Crew - Fatal	2	4	6	9	3	Practice	17	12	7	4
- Serious	4	1	-	1	1	Private	81	51	67	87
- Minor	-	2	-	-	-	Scheduled	1	3	4	2
Passengers - Fatal	59	55	66	77	26	Non-scheduled	68	56	59	67
- Serious	9	6	8	7	13	State	7	3	6	-
- Minor	12	17	2	22	24	Other (incl. Ferry-Tests, etc.)	9	13	3	7
Other - Fatal	-	-	1	-	-	Probable Cause (per cent)				
- Serious	1	1	-	1	1	Personnel	64.9	60.7	56.2	51.5
Operational Phase						Material Failure	15.4	8.2	16.1	14.8
Starting	-	-	1	4	3	Weather	3.7	9.9	4.7	8.9
Taxing	20	19	9	7	11	Aerodrome Terrain or Water ..	13.0	10.7	13.3	11.2
Take-off	40	36	29	27	38	Miscellaneous	0.5	0.0	2.9	4.1
Flight	55	35	39	39	39	Undetermined	2.5	10.5	12.4	9.5
Landing	73	52	68	58	74		100.0	100.0	100.0	100.0
Other	2	-	1	2	4					

(1) As reported by Civil Aviation, Department of Transport, and replacing previous tabulation.

Number of Returning Residents and Tourist Entries
by Plane, 1951 and 1952

TABLE 20

Province of Entry	1 9 5 1			1 9 5 2		
	Planes	Returning Canadians	Tourists, etc.	Planes	Returning Canadians	Tourists, etc.
	No.			No.		
Newfoundland	486	657	1,603	479	445	1,284
Prince Edward Island	1	-	17	11	31	23
Nova Scotia	166	528	1,111	187	633	1,538
New Brunswick	875	3,679	6,553	852	4,188	6,094
Quebec	5,411	41,516	47,679	5,635	49,468	49,606
Ontario	10,297	65,995	59,556	11,376	79,436	69,018
Manitoba	1,013	3,694	6,062	792	3,868	6,393
Saskatchewan	314	242	683	427	311	846
Alberta	2,140	3,381	17,953	2,260	5,138	14,609
British Columbia	4,444	19,244	27,050	4,613	21,493	28,928
Yukon	538	385	6,907	501	551	6,790
Total	25,685	139,321	175,174	27,133	165,562	185,129

51-202



CANADA

CIVIL AVIATION
1953



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CIVIL AVIATION

1953

Canadian air carriers reported continuing growth and progress in 1953 as new records were established for most of the financial accounts and operational items, but, as in 1952, higher operating costs resulted in a drop in operating income to \$1,295,600 from \$3,763,948 and in net income to \$1,120,441 from \$1,372,385.

All revenue and expense accounts, except the cost of general taxes, showed substantial gains over the previous year, and reached new levels. Revenue received for the transportation of passengers rose to \$59,566,012 a gain of \$7,884,313 or 15.3 per cent over the 1952 total of \$51,681,699, mail revenue increased to \$10,089,106 from \$9,830,719; freight revenue rose to \$5,362,991 from \$4,889,663 and excess baggage receipts were up to \$622,609 from \$480,739. Total revenue for the performance of unit toll transportation services thus amounted to \$75,640,718 as compared with \$66,882,820 in 1952, an increase of \$8,757,898 or 13.1 per cent. Bulk transportation services earned \$19,664,102 an advance of \$2,712,065 or 16 per cent over 1952 and other flying services totalled \$5,716,720 as against \$4,298,355, the addition of \$3,233,960 received for non-flying services, up from \$2,386,083 in 1952 raised the total operating revenues to \$104,255,500 from \$90,519,295, an advance of \$13,736,205 or 15.2 per cent, total operating revenues of the scheduled carriers rose to \$84,197,975 from \$75,115,634 or by 12.1 per cent while those for the non-scheduled airlines rose 30.2 per cent to \$20,057,525.

Operating expenses on the whole rose more rapidly than operating revenues. Aircraft operation and maintenance expenses advanced 18.6 per cent to \$60,618,261 from \$51,099,026; ground operation and maintenance costs increased 19.9 per cent to \$25,186,828 from \$21,002,448; traffic costs rose to \$10,539,641 from \$8,597,499; and, general administration charges increased to \$6,192,683 from \$5,619,172; while general taxes declined slightly. The total operating expenses thus amounted to \$102,959,900 as compared with \$86,755,347 in the previous year, a gain of \$16,204,553 or 18.7 per cent.

The above mentioned increases in the financial accounts were, as a rule, the result of the advancement to record breaking levels of all reported traffic data, except for the amount of non-revenue goods carried. The number of passengers carried in unit toll transportation services increased to 1,822,748 from 1,591,239, a gain of 231,509 or 14.5 per cent while the number of revenue passenger miles rose 17 per cent to 895,597,913 miles from 765,354,996, thus indicating a longer average journey. In addition, there were 61,406 non revenue passengers carried and 388,989 transported in bulk (charter or contract) services. The total number of passengers

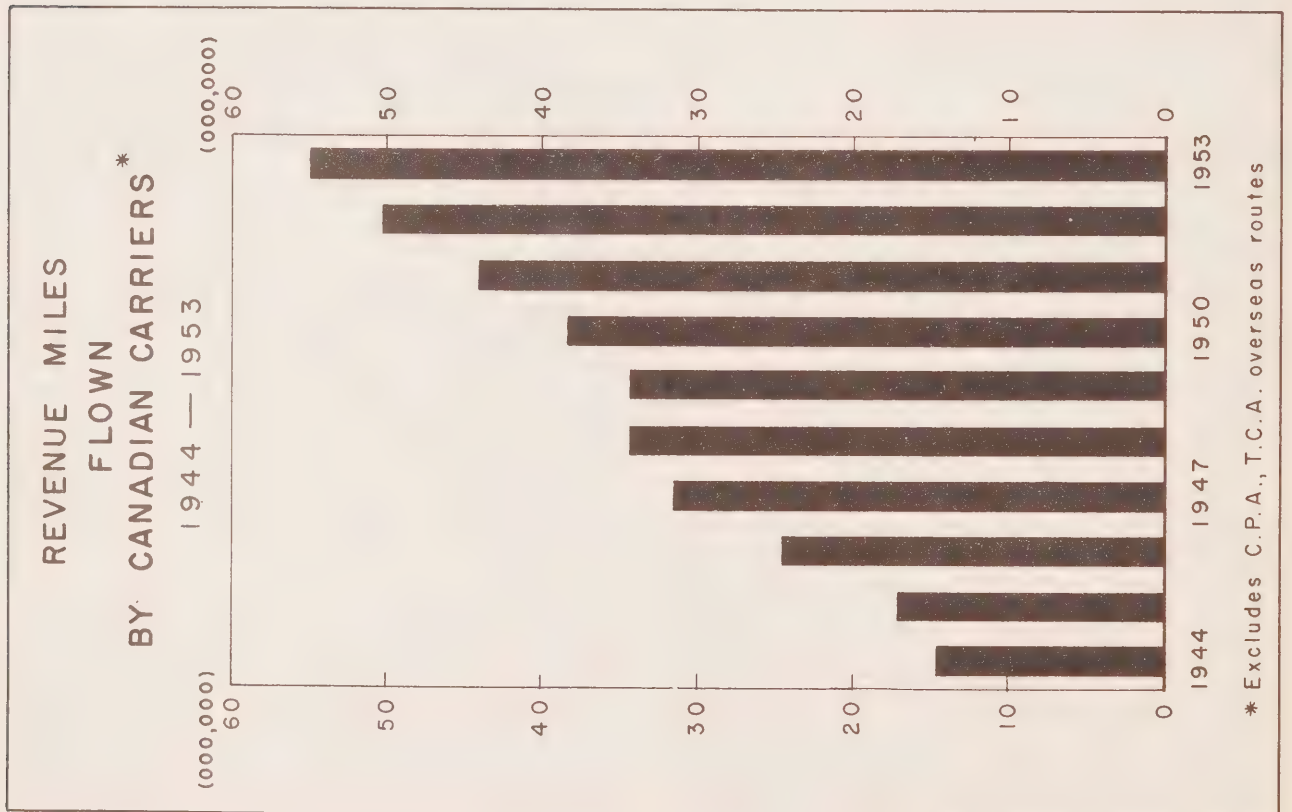
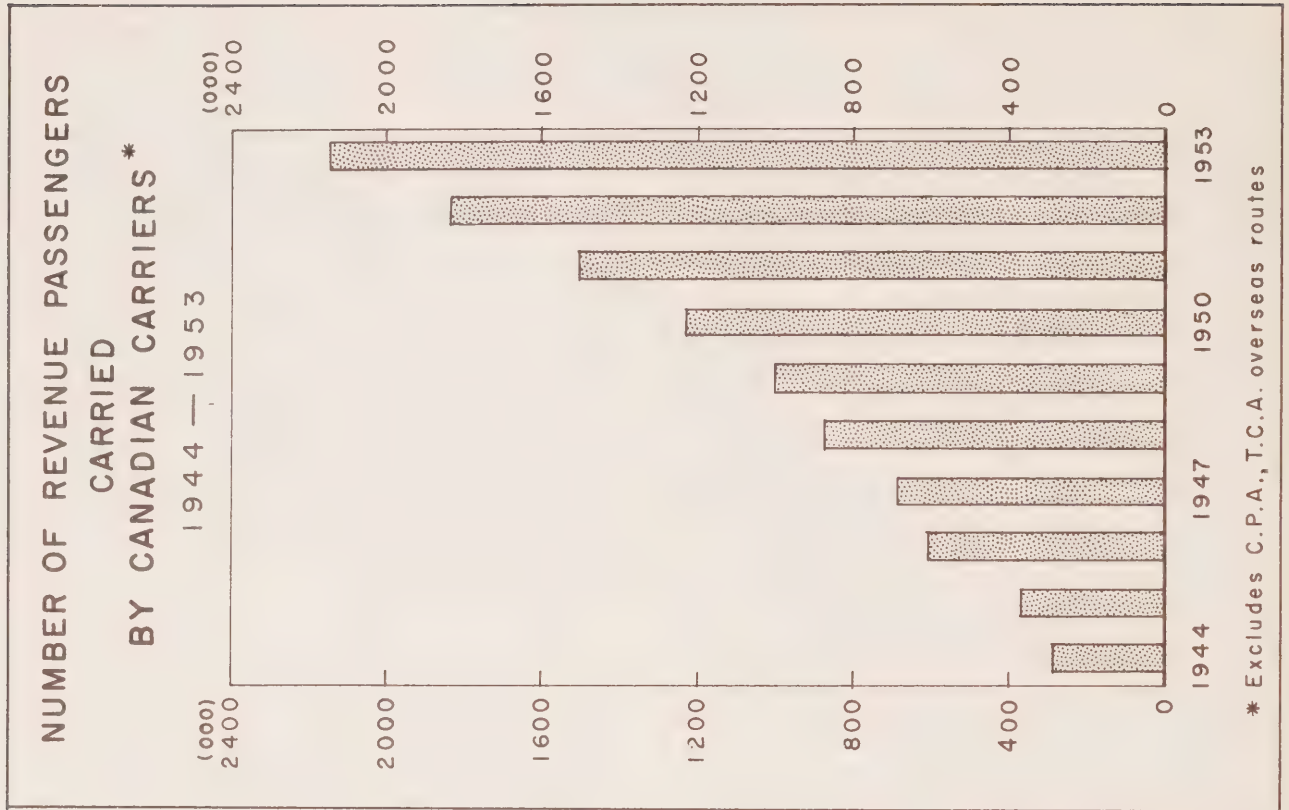
thus numbered 2,273,143 as compared with 1,952,316 in 1952. The volume of revenue goods flown by air aggregated 168,357,031 lbs. of which 35,627,336 lbs. were carried in unit toll services and 132,729,695 lbs. in bulk transportation services. In the previous year, Canadian carriers transported 127,291,124 lbs. of which 32,583,315 lbs. were toled in unit toll flights and 94,707,809 lbs. in bulk services. The increase in revenue goods carried in unit toll transportation amounted to 3,044,021 lbs. or 9.3 per cent while the corresponding goods ton miles rose 15.7 per cent to 10,728,780 from 9,272,667. Another new record was established for the volume of air mail which advanced to 17,085,482 lbs. and exceeded the previous record of 15,321,529 lbs. which was set in 1952, by 11.5 per cent. Mail ton miles rose to 6,307,456 from 5,558,662 an improvement of 13.5 per cent.

During the year, Canadian carriers flew a total of 61,799,290 revenue miles in 487,743 hours of which 40,883,420 miles were in unit toll transportation services requiring a flying time of 231,511 hours, and 20,915,870 miles in bulk services flown in 173,039 hours. In 1952, the airlines logged 56,752,397 revenue miles in 459,320 hours of which 37,500,780 miles in 218,442 hours were in unit toll services and 19,251,617 miles in 160,611 hours in bulk services.

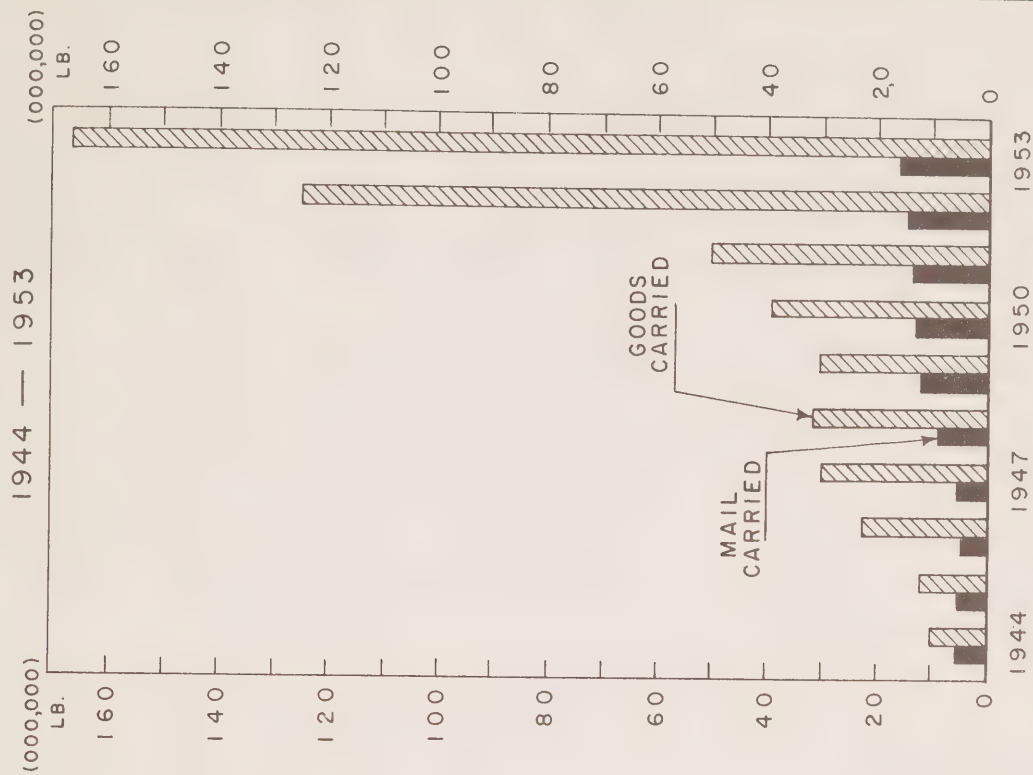
Salaries and wages received by the 10,703 employees engaged by Canadian carriers amounted to \$42,188,464 for the year as compared with 9,398 employees who earned \$35,404,009 in 1952. The average salary was thus raised to \$3,942 from \$3,767, a gain of \$175 or 4.6 per cent. All classes of employees increased in number and most of them in average earnings.

Gasoline consumed by Canadian carriers, which amounted to 38,885,158 gallons in 1952, rose to 44,817,925 gallons, a rise of 15.3 per cent while the cost which was \$12,498,175 a year ago advanced 20 per cent to \$15,002,452. The industry also consumed 592,859 gallons of oil at a cost of \$583,943 as compared with 484,222 gallons costing \$490,258 in 1952. The average cost per gallon, to Canadian carriers for gasoline thus rose from 32.1 to 33.5 cents but that for oil declined from 101.2 per gallon to 98.5 cents.

Accidents involving Canadian carriers during 1953 totalled 174 as compared with 169 in 1952, 137 in 1951 and 148 in 1950 according to the report issued by the Civil Aviation Division, Department of Transport. Fatalities numbered 74 as against 57 in 1952, 109 in 1951 and 99 in 1950. The number of passengers killed increased to 43 from 26 in the previous year while 25 pilots lost their lives against 28 in 1952.



REVENUE GOODS AND MAIL CARRIED BY CANADIAN CARRIERS*



OPERATING REVENUES OF CANADIAN CARRIERS*

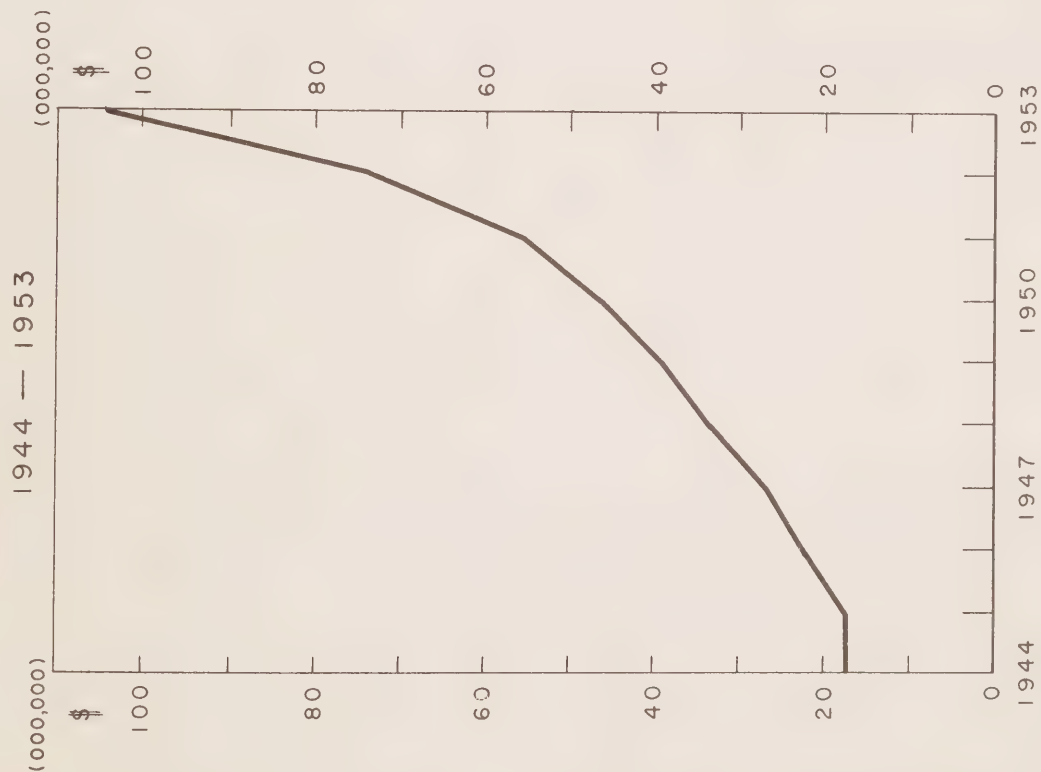


TABLE 1. Statistical Summary 1948-1953¹

	1953	1952	1951	1950	1949	1948
Miles flown—revenue	64,076,912	58,775,340	52,578,934	44,470,174	40,083,834	40,524,432
Hours flown:						
Revenue	498,891	469,677	507,745	267,282	245,956	251,593
Non-revenue	26,044	22,045	74,962	62,232	54,460	71,394
Total	524,935	491,722	582,707	329,514	300,416	322,987
Passengers carried:						
Revenue	2,724,432	2,298,194	1,889,950	1,500,361	1,258,614	1,092,825
Non-revenue	71,405	62,653	58,030	52,985	49,683	43,383
Total	2,795,837	2,360,847	1,947,980	1,553,346	1,308,297	1,136,208
Passenger miles:						
Revenue (Unit toll transportation only)	942,269,095	805,642,141	689,819,451	550,534,058	464,609,486	410,167,681
Non-revenue " " " "	45,784,828	33,945,124	31,420,440	33,286,119	29,470,517	23,469,692
Total " " " "	988,053,923	839,587,265	721,239,891	583,820,177	494,080,003	433,637,373
Goods carried (lbs):						
Revenue	177,451,345	135,055,106	59,199,354	44,586,726	35,119,684	35,301,494
Non-revenue	5,268,374	5,679,436	4,587,063	3,899,517	3,641,128	3,083,652
Total	182,719,719	140,734,542	63,786,417	48,486,243	38,760,812	38,385,146
Goods ton miles:						
Revenue (Unit toll transportation only)	11,738,487	10,134,861	8,562,261	6,867,410	5,401,245	3,924,745
Non-revenue " " " "	2,796,334	2,519,711	2,440,113	2,180,200	2,072,815	1,620,287
Total " " " "	14,534,821	12,654,572	11,002,374	9,047,610	7,474,060	5,545,032
Mail carried (lbs) — Unit toll transportation	20,319,952	18,328,310	16,824,652	14,501,110	13,752,434	10,340,024
Mail ton miles — Unit toll transportation	6,419,077	5,725,178	5,306,076	4,732,670	4,513,391	3,230,139
Fuel consumed:						
Gasoline	gals. 51,817,843	45,542,485	36,722,262	27,335,505	24,760,805	22,801,136
Oil	\$ 16,573,708	12,498,175	9,708,577	8,332,496	7,668,938	6,946,085
	gals. 649,664	547,501	412,272	338,771	311,093	290,512
	\$ 614,724	490,258	324,134	302,923	271,601	268,472
Average number of employees	11,105	9,746	8,107	7,239	7,304	6,927
Salaries and wages	\$ 43,696,008	36,625,014	27,399,363	22,111,551	21,700,697	18,685,759
Operating revenues:						
Unit toll transportation	75,640,718	66,882,820	59,480,858	49,257,054	42,776,983	35,342,008
Bulk transportation	19,664,102	16,952,037	10,202,691	5,231,266	4,285,962	5,887,955
Other revenue services	8,950,680	6,684,438	3,367,983	2,920,098	2,740,463	3,364,621
Total	104,255,500	90,519,295	73,051,532	57,408,418	49,803,408	44,594,584
Operating expenses:						
Aircraft operation and maintenance	60,618,261	51,099,026	38,282,623	33,915,060	30,973,286	28,296,012
Ground operation and maintenance	25,186,828	21,002,448	16,407,372	14,236,754	13,325,960	11,792,962
Traffic, general administration and taxes	17,154,811	14,653,873	11,370,951	9,408,249	8,796,179	7,140,972
Total	102,959,900	86,755,347	66,060,946	57,560,063	53,095,425	47,229,946
Operating income (or loss)	1,295,600	3,763,948	6,990,586	Dr. 151,645	Dr. 3,292,017	Dr. 2,635,362

1. 1948 to 1951 revised to include C.P.A. and T.C.A. Overseas Services, subsequently included.

GENERAL BALANCE SHEET
TABLE 2. Scheduled Carriers, 1953

	Canadian Pacific Air Lines ¹	Central Northern Airways	Maritime Central Airways	Queen Charlotte Airlines	Quebecair Inc.	Trans- Canada Air Lines ¹	Total Scheduled Carriers
	\$	\$	\$	\$	\$	\$	\$
Assets:							
Current assets	5,123,699	247,770	715,598	195,446	228,570	21,595,222	28,106,305
Investments	445,144	5,145	200,975	2,422	—	25,919	679,605
Deferred debits	118,184	25,266	15,606	—	—	—	159,056
Special funds	—	—	—	—	—	5,782,262	5,782,262
Fixed assets (less depreciation)	15,962,154	261,982	678,002	551,327	371,077	18,076,615	35,901,157
Total	21,649,181	540,163	1,610,181	749,195	599,647	45,480,018	70,628,385
Liabilities:							
Current liabilities	3,467,538	79,596	749,922	432,187	251,760	7,190,249	12,171,252
Long term debt	7,750,000	57,951	9,674	63,610	186,000	20,000,000	28,067,235
Deferred credits	245,013	509	14,259	—	—	1,691,677	1,951,458
Reserves	—	—	119,082	12,987	—	6,643,026	6,775,095
Capital stock	10,000,000	355,750	15,000	85,800	157,464	5,000,000	15,614,014
Surplus	186,630	46,357	702,244	154,611	4,423	4,955,066	6,049,331
Total	21,649,181	540,163	1,610,181	749,195	599,647	45,480,018	70,628,385

1. Includes overseas services.

GENERAL BALANCE SHEET
TABLE 3. Non-scheduled Carriers, 1953

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total non-scheduled
	\$	\$	\$	\$
Assets:				
Current assets	4,473,856	783,485	294,865	5,552,206
Fixed assets (less depreciation).....	4,559,486	1,565,115	594,976	6,719,577
Other assets	467,462	454,456	65,745	987,663
Total	9,500,804	2,803,056	955,586	13,259,446
Liabilities:				
Current liabilities	4,699,948	1,002,135	235,107	5,937,190
Other liabilities	2,689,706	635,034	278,879	3,603,619
Incorporated companies:				
Capital stock	1,121,598	1,053,390	210,002	2,384,990
Surplus	896,220	Dr. 159,382	4,260	741,098
Non-incorporated businesses — net worth	93,332	271,879	227,336	592,549
Total	9,500,804	2,803,056	955,586	13,259,446

TABLE 4. Property Account, 1953
(Net value, end of year)

	Canadian Pacific Air Lines ¹	Central Northern Airways	Maritime Central Airways	Queen Charlotte Airlines	Quebecair Inc.	Trans- Canada Air Lines ¹	Total scheduled Air Lines	Class "B" carriers	Grand total
	\$	\$	\$	\$	\$	\$	\$	\$	\$
Property and equipment:									
Aircraft.....	9,540,552	122,199	467,639	434,700	266,412	2,752,363	13,583,865	2,614,601	16,198,466
Aircraft engines	3,275,664	78,507	120,407	—	33,550	647,198	4,155,326	698,585	4,853,911
Motor vehicles and floating equipment	82,973	2,064	14,154	12,631	2,487	538,642	652,951	89,822	742,773
Aircraft communication and equipment	—	4,877	9,517	—	6,867	125,248	146,509	—	146,509
Communication equipment (ground)	21,642	4,520	7,468	10,017	5,521	10,843	60,011	—	60,011
Miscellaneous flying equipment	—	466	—	—	2,914	5,030	8,410	153,031	161,441
Shop and hanger equipment	316,486	7,672	9,357	27,029	9,139	970,805	1,340,488	117,498	1,457,986
Fuel storage and distribution equipment	—	—	—	—	—	—	—	—	—
Furniture, fixtures and office equipment	64,098	4,524	8,821	22,914	7,247	835,686	943,290	54,153	997,443
Airport lighting equipment	—	—	—	—	—	—	—	—	—
Miscellaneous ground equipment	30,241	—	1,000	23,032	5,931	210,499	270,703	193,747	464,450
Buildings	425,566	31,537	37,799	21,003	18,949	5,029,300	5,564,154	569,814	6,133,968
Total net value	13,757,222	256,366	676,162	551,326	359,017	11,125,614	26,725,707	4,491,251	31,216,958
Additions, retirements, depreciation:									
Cost value of assets:									
At beginning of year	10,948,793	512,678	1,283,735	512,889	406,673	31,563,507	45,228,275	7,969,802	53,198,077
Additions during year	10,197,418	118,880	475,354	247,446	314,402	5,077,637	16,431,137	2,885,611	19,316,748
Retirements during year	2,625,159	6,738	47,151	147,382	5,915	421,183	3,253,528	896,397	4,149,925
At end of year	18,521,052	624,820	1,711,938	612,953	715,160	36,219,961	58,405,884	9,959,016	68,364,900
Accrued depreciation:									
At beginning of year	3,254,250	286,955	648,135	295,243	128,202	20,458,606	25,071,391	4,098,269	29,169,660
Decreases	167,252	46,361	28,284	289,242	158,178	407,507	780,468	280,116	1,060,584
Provision for depreciation — current year	1,676,832	127,860	415,925	55,626	69,763	5,043,248	7,389,254	1,649,612	9,038,866
At end of year	4,763,830	368,454	1,035,776	61,627	356,143	25,094,347	31,680,177	5,467,765	37,147,942
Total net value	13,757,222	256,366	676,162	551,326	359,017	11,125,614	26,725,707	4,491,251	31,216,958

1. Includes overseas service.

TABLE 5. Statement of Earned Surplus and Net Worth, 1953

	Canadian Pacific Air Lines ¹	Central Northern Airways	Maritime Central Airways	Queen Charlotte Airlines	Quebecair Inc.	Trans- Canada Air Lines ¹	Total Scheduled Air Lines	Class "B" carriers	Grand total
	\$	\$	\$	\$	\$	\$	\$	\$	\$
Credit balance at beginning of year ...	Dr. 178,987	49,508	545,168	Dr. 227,069	27,797	4,698,836	4,915,253	357,625	5,272,878
Additions:									
Net income for the year	365,617	8,733	244,700	6,043	—	256,230	881,323	346,202	1,227,525
Miscellaneous credits	68,605	1,866	170,123	268,494	6,899	—	515,987	341,170	857,157
Total additions	434,222	10,599	414,823	274,537	6,899	256,230	1,397,310	687,372	2,084,682
Deductions:									
Deficit for the year	—	—	—	—	29,590	—	29,590	157,702	187,292
Miscellaneous debits	68,605	—	151,623	—	683	—	220,911	75,334	296,245
Dividends	—	13,750	234,024	—	—	—	247,774	37,466	285,240
Deductions from net worth	—	—	—	—	—	—	—	2,032	2,032
Total deductions	68,605	13,750	385,647	—	30,273	—	498,275	272,534	770,809
Credit balance at end of year	186,630	46,357	574,344	47,468	4,423	4,955,066	5,814,288	772,463	6,586,751

1. Includes overseas services.

TABLE 6. General Statistics, 1953

	Canadian carriers					Foreign carriers		Grand total all services
	Domestic services		Trans-border services	Atlantic and Pacific services	Total	Trans-border services	Atlantic and Pacific services	
	Scheduled	Non-scheduled						
Miles flown:								
Revenue:								
Unit toll transportation	29,745,207	1,400,530	4,328,045	5,409,638	40,883,420	1,299,690	902,759	43,085,869
Bulk transportation.....	3,606,847	15,925,098	1,242	1,382,683	20,915,870	1,830	73,343	20,991,043
Total revenue miles flown ...	33,352,054	17,325,628	4,329,287	6,792,321	61,799,290	1,301,520	976,102	64,076,912
Hours flown:								
Revenue:								
Unit toll transportation	172,514	13,057	22,274	23,666	231,511	7,546	3,294	242,351
Bulk transportation.....	24,942	142,133	8	5,956	173,039	14	294	173,347
Other flying services	562	82,631	—	—	83,193	—	—	83,193
Total revenue	198,018	237,821	22,282	29,622	487,743	7,560	3,588	498,891
Non-revenue.....	10,969	12,680	197	2,084	25,930	18	96	26,044
Total hours flown	208,987	250,501	22,479	31,706	513,673	7,578	3,684	524,935
Fuel consumed:								
Gasoline..... gals.	25,736,376	6,608,675	4,174,814	8,298,060	44,817,925	876,202 ³	6,123,716 ³	51,817,843
Cost	\$ 8,442,887	2,867,301	1,050,504	2,641,760	15,002,452	314,756	1,256,500	16,573,708
Oil..... gals.	329,072	112,525	44,330	106,932	592,859	7,618 ³	49,187 ³	649,664
Cost	\$ 308,376	140,544	33,015	102,008	583,943	5,682	25,099	614,724
Average No. of employees.....	8,254	1,583	2	866	10,703	183	219	11,105
Salaries and wages..... \$	32,478,037	5,944,631	2	3,765,796	42,188,464	681,405	826,139	43,696,008
Average No. of Aircraft:								
Owned.....	129	517	2	17	663	Not applicable	Not applicable	663
Leased	5	39	2	—	44			44
Total	134	556	2	17	707			707
Ratio of miles flown to miles scheduled ¹	96.0	Not applicable	95.5	95.1	95.8	98.3	94.0	95.8
Revenue passenger load factor — scheduled	66.6		70.1	61.4	66.1	45.2	42.1	64.5

1. Includes miles flown on regular scheduled flights only.

2. Included in scheduled domestic services.

3. Gasoline and oil taken on in Canada.

TABLE 7. Transportation Statistics, 1953

	Canadian carriers					Foreign carriers		Grand total all services
	Domestic services		Trans-border services	Atlantic and Pacific services	Total	Trans-border services	Atlantic and Pacific services	
	Scheduled	Non-scheduled						
Passengers carried:								
Revenue:								
Unit toll transportation	1,386,432	33,187	340,695	62,434	1,822,748	385,263 ¹	118,954 ²	2,326,965
Bulk transportation	62,537	316,597	150	9,705	388,989	409 ³	8,069 ⁴	397,467
Total revenue	1,448,969	349,784	340,845	72,139	2,211,737	385,672	127,023	2,724,432
Non-revenue	44,651	4,524	6,203	6,028	61,406	6,433	3,566	71,405
Total passengers carried	1,493,620	354,308	347,048	78,167	2,273,143	392,105	130,589	2,795,837
Passenger miles — Unit toll transportation:								
Revenue.....	624,197,999	3,899,635	116,416,223	151,084,056	895,597,913	21,035,490	25,635,692	942,269,095
Non-revenue	29,942,287	23,819	2,164,831	11,670,889	43,801,826	812,366	1,170,636	45,784,828
Total passenger miles.....	654,140,286	3,923,454	118,581,054	162,754,945	939,399,739	21,847,856	26,806,328	988,053,923
Goods carried (lbs.):								
Revenue:								
Unit toll transportation	22,013,973	1,874,582	9,820,468	1,918,313	35,627,336	4,582,109 ⁵	4,410,194 ⁶	44,619,639
Bulk transportation.....	12,976,434	119,753,261	—	—	132,729,695	12,981 ⁷	89,030 ⁸	132,831,706
Total revenue	34,990,407	121,627,843	9,820,468	1,918,313	168,357,031	4,595,090	4,499,224	177,451,345
Non-revenue	3,762,363	199,438	135,901	454,100	4,551,802	148,162	568,410	5,268,374
Total goods carried	38,752,770	121,827,281	9,956,369	2,372,413	172,908,833	4,743,252	5,067,634	182,719,719
Goods ton miles — Unit toll transportation:								
Revenue.....	6,180,645	192,769	1,768,288	2,587,078	10,728,780	184,178	825,529	11,738,487
Non-revenue	1,903,021	6,933	24,378	712,264	2,646,596	56,357	93,381	2,796,334
Total goods ton miles	8,083,666	199,702	1,792,666	3,299,342	13,375,376	240,535	918,910	14,534,821
Mail carried (lbs) — Unit toll transportation	15,216,497	754,433	550,278	564,274	17,085,482	1,463,365 ⁹	1,771,105 ¹⁰	20,319,952
Mail ton miles — Unit toll transportation	5,190,224	75,056	99,864	942,312	6,307,456	46,884	64,737	6,419,077

1. Includes 7,047 passengers between foreign points.
2. " 78,665 " " " "
3. " — " " " "
4. " 2,632 " " " "
5. " 311,477 goods (lbs) " " " "
6. " 3,164,133 " " " "
7. " — " " " "
8. " 73,215 " " " "
9. " 88,755 mail " " " "
10. " 1,318,985 " " " "

TABLE 8. Revenues and Expenses, 1953

	Canadian carriers		
	Scheduled ¹	Non-scheduled	Total
	\$	\$	\$
Operating revenues:			
Unit toll transportation:			
Passengers.....	58,987,976	578,036	59,566,012
Mail.....	9,824,946	264,160	10,089,106
Goods.....	5,060,296	302,695	5,362,991
Excess baggage.....	607,624	14,985	622,609
Total unit toll transportation.....	74,480,842	1,159,876	75,640,718
Bulk transportation.....	7,467,912	12,196,190	19,664,102
Other flying services.....	66,696	5,650,024	5,716,720
Total flying services.....	82,015,450	19,006,090	101,021,540
Non-flying services.....	2,182,525	1,051,435	3,233,960
Total operating revenues.....	84,197,975	20,057,525	104,255,500
Operating expenses:			
Aircraft operation and maintenance.....	45,849,346	14,768,915	60,618,261
Ground operation and maintenance.....	22,219,796	2,967,032	25,186,828
Traffic.....	10,207,893	331,748	10,539,641
General administration.....	4,631,833	1,560,850	6,192,683
General taxes.....	383,876	38,611	422,487
Total operating expenses.....	83,292,744	19,667,156	102,959,900
Operating income (or loss).....	905,231	390,369	1,295,600
Add non-operating income.....	825,744	140,209	965,953
Gross income.....	1,730,975	530,578	2,261,553
Deduct interest and other income charges.....	755,998	154,577	910,575
Net income before income taxes.....	974,977	376,001	1,350,978
Deduct provision for income taxes.....	123,244	107,293	230,537
Net income (or deficit) after income taxes.....	851,733	268,708	1,120,441
Operating ratio.....	98.9	98.1	98.8

1. Includes Canadian Trans-border, Atlantic and Pacific services.

Note: Revenues and expenses for foreign carriers not available.

GENERAL STATISTICS
TABLE 9. Canadian Scheduled Carriers — Domestic Services, 1933

	Canadian Pacific Air Lines	Central Northern Airways	Maritime Central Airways	Queen Charlotte Airlines	Quebecair Inc.	Trans- Canada Air Lines	Total
Miles scheduled	5,493,913	107,024	454,399	345,344	339,123 ³	22,290,554	29,030,357
Miles flown:							
Revenue:							
Unit toll transportation	5,928,873	572,035	522,698	596,118	339,123	21,786,360	29,745,207
Bulk transportation	40,672	439,019	2,384,910	233,235	—	79,896	3,606,847
Total revenue	5,969,545	1,011,054	2,907,608	829,353	768,238	21,866,256	33,352,054
Non-revenue	209,847	67,316	51,690	41,632	24,404	1,274,535	1,669,424
Total miles flown	6,179,392	1,078,370	2,959,298	870,985	792,642	23,140,791	35,021,478
Hours flown:							
Revenue:							
Unit toll transportation	40,295	4,933	3,766	4,812	3,047	115,661	172,514
Bulk transportation	295	4,138	14,685	2,186	3,212	426	24,942
Other flying services	—	—	558	—	—	4	562
Total revenue	40,590	9,071	19,009	6,998	6,259	116,091	198,018
Non-revenue	1,274	594	392	444	216	8,049	10,969
Total hours flown	41,864	9,665	19,401	7,442	6,475	124,140	208,987
Fuel consumed:							
Gasoline	3,813,670	314,167	1,679,475	407,399	430,902	19,090,763	25,736,376
Cost	\$ 1,508,212	\$ 145,822	\$ 579,182	\$ 128,128	\$ 151,654	\$ 5,929,889	\$ 8,442,887
Oil	44,253	4,960	21,157	6,610	7,031	245,061	329,072
Cost	\$ 45,958	\$ 4,889	\$ 20,098	\$ 6,850	\$ 6,687	\$ 223,894	\$ 308,376
Average No. of employees	1,087	68	205	149	95	6,650 ²	8,254 ²
Salaries and wages	\$ 4,318,728	\$ 264,389	\$ 927,959	\$ 533,558	\$ 356,936	\$ 26,076,467 ²	\$ 32,478,037 ²
Average No. of aircraft:							
Owned	28	21	17	13	9	41 ²	129 ²
Leased	—	—	1	4	—	—	5
Total	28	21	18	17	9	41 ²	134 ²
Ratio of miles flown to miles scheduled ¹	96.9	71.7	93.5	95.2	100.0	95.8	96.0
Revenue passenger load factor—scheduled	52.7	4	33.8	51.5	36.8	70.3	66.6

1. Includes miles flown on regular scheduled flights only.

2. Includes Trans-Border Services.

3. Estimated.

4. Not available.

GENERAL STATISTICS — CANADIAN CARRIERS
TABLE 10. Non-Scheduled Carriers — Domestic Services, 1933

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total
Miles scheduled	Not applicable			
Miles flown:				
Revenue:				
Unit toll transportation	1,123,224	228,787	48,519	1,400,530
Bulk transportation	11,894,261	3,179,546	851,291	15,925,098
Total revenue	13,017,485	3,408,333	899,810	17,325,628
Non-revenue	1	1	1	1
Total miles flown	1	1	1	1
Hours flown:				
Revenue:				
Unit toll transportation	10,817	1,836	404	13,057
Bulk transportation	102,912	30,221	9,000	142,133
Other flying services	27,772	42,462	12,397	82,631
Total revenue	141,501	74,519	21,801	237,821
Non-revenue	7,767	3,333	1,580	12,680
Total hours flown	149,268	77,852	23,381	250,501
Fuel consumed:				
Gasoline	5,564,777	814,028	229,870	6,608,675
Cost	\$ 2,386,792	\$ 371,133	\$ 109,376	\$ 2,867,301
Oil	95,776	12,357	4,392	112,525
Cost	\$ 117,064	\$ 17,440	\$ 6,040	\$ 140,544
Average No. of employees	1,191	292	100	1,583
Salaries and wages	\$ 4,791,788	\$ 955,817	\$ 197,026	\$ 5,944,631
Average No. of aircraft:				
Owned	262	170	85	517
Leased	21	10	8	39
Total	283	180	93	556
Ratio of miles flown to miles scheduled				
Revenue passenger load factor—scheduled				

1. Not available.

GENERAL STATISTICS – CANADIAN CARRIERS
TABLE 11. Atlantic and Pacific Services

	T. C. A. Atlantic services	C. P. A. Pacific services	Total
Miles scheduled	3,784,718	1,674,144	5,458,862
Miles flown:			
Revenue:			
Unit toll transportation	3,965,055	1,444,583	5,409,638
Bulk transportation	10,711	1,371,972	1,382,683
Total revenue	3,975,766	2,816,555	6,792,321
Non-revenue	256,223	213,142	469,365
Total miles flown	4,231,989	3,029,697	7,261,686
Hours flown:			
Revenue:			
Unit toll transportation	17,725	5,941	23,666
Bulk transportation	48	5,908	5,956
Other flying services	—	—	—
Total revenue	17,773	11,849	29,622
Non-revenue	1,241	843	2,084
Total hours flown	19,014	12,692	31,706
Fuel consumed:			
Gasoline	gals. 4,826,256	3,471,804	8,298,060
Cost	\$ 1,446,162	1,195,598	2,641,760
Oil	gals. 63,401	43,531	106,932
Cost	\$ 55,383	46,625	102,008
Average No. of employees	549	317	866
Salaries and wages	\$ 2,227,297	1,538,499	3,765,796
Average No. of aircraft:			
Owned	12	5	17
Leased	—	—	—
Total	12	5	17
Ratio of miles flown to miles scheduled ¹	99.6	84.8	95.1
Revenue passenger load factor—scheduled	70.3	44.2	61.4

1. Includes miles flown on regular scheduled flights only.

TRANSPORTATION STATISTICS
TABLE 12. Canadian Scheduled Carriers – Domestic Services, 1953

	Canadian Pacific Air Lines	Central Northern Airways	Maritime Central Airways	Queen Charlotte Airlines	Quebecair Inc.	Trans- Canada Air Lines	Total
Passengers carried:							
Revenue:							
Scheduled:							
Originated	190,366	1,862	27,447	41,111	68,834	888,266	1,217,886
Domestic interline	15,702	—	3,144	—	—	16,830	35,676
Foreign interline	5,125	—	—	—	—	60,222	65,347
Division interline	—	—	—	—	—	46,010	46,010
Non-scheduled	1,175	8,641	1,442	10,255	—	—	21,513
Total unit toll transportation	212,368	10,503	32,033	51,366	68,834	1,011,328	1,386,432
Bulk transportation	1,488	5,653	32,873	3,702	12,415	6,406	62,537
Total revenue	213,856	16,156	64,906	55,068	81,249	1,017,734	1,448,969
Non-revenue	2,980	133	1,532	1,907	214	37,885	44,651
Total passengers carried	216,836	16,289	66,438	56,975	81,463	1,055,619	1,493,620
Passenger miles—Unit toll transportation:							
Revenue	82,903,915	1,279,516	3,695,721	6,421,818	3,341,666	526,555,363	624,197,999
Non-revenue	1,867,263	19,160	127,281	186,100	19,420	27,723,063	29,942,287
Total passenger miles	84,771,178	1,298,676	3,823,002	6,607,918	3,361,086	554,278,426	654,140,286
Goods carried (lbs.):							
Revenue:							
Scheduled:							
Originated	6,835,023	30,063	129,978	217,060	1,343,655	9,043,291	17,599,070
Domestic interline	10,685	—	54,736	—	—	4,545	69,966
Foreign interline	4,769	—	—	—	—	27,969	32,738
Division interline	12	—	—	—	—	2,256,051	2,256,063
Non-scheduled	8,875	1,827,091	140,896	79,274	—	—	2,056,136
Total unit toll transportation	6,859,364	1,857,154	325,610	296,334	1,343,655	11,331,856	22,013,973
Bulk transportation	17,139	2,612,036	8,164,691	28,065	2,083,465	71,038	12,976,434
Total revenue	6,876,503	4,469,190	8,490,301	324,399	3,427,120	11,402,894	34,990,407
Non-revenue	470,957	30,736	—	29,888	—	3,230,782	3,762,363
Total goods carried	7,347,460	4,499,926	8,490,301	354,287	3,427,120	14,633,676	38,752,770

TRANSPORTATION STATISTICS
TABLE 12. Canadian Scheduled Carriers — Domestic Services, 1953 — Concluded

	Canadian Pacific Air Lines	Central Northern Airways	Maritime Central Airways	Queen Charlotte Airlines	Quebecair Inc.	Trans- Canada Air Lines	Total
Goods ton miles — Unit toll transportation:							
Revenue	1,481,436	106,669	60,185	20,875	83,590	4,427,890	6,180,645
Non-revenue	146,766	1,029	—	1,961	—	1,753,265	1,903,021
Total goods ton miles	1,628,202	107,698	60,185	22,836	83,590	6,181,155	8,083,666
Mail carried (lbs.) — Unit toll transportation	2,441,854	433,673	722,757	158,014	583,657	10,876,542	15,216,497
Mail ton miles — Unit toll transportation	517,597	28,393	69,914	13,947	23,857	4,536,516	5,190,224
Available seat miles — Scheduled	153,371,647	1	8,443,614	7,704,693	9,079,627	749,052,527	927,652,108
Available ton miles — Scheduled	18,317,152	1	916,869	823,502	932,022	102,237,163	123,226,708

1. Not available.

TRANSPORTATION STATISTICS — CANADIAN CARRIERS
TABLE 13. Non-Scheduled Carriers — Domestic Services, 1953

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total
Passengers carried:				
Revenue:				
Scheduled:			Not applicable	
Originated				
Domestic interline				
Foreign interline				
Division interline				
Non-scheduled	21,661	9,282	2,244	33,187
Total unit toll transportation	21,661	9,282	2,244	33,187
Bulk transportation	238,739	62,755	15,103	316,597
Total revenue	260,400	72,037	17,347	349,784
Non-revenue	1,006	721	2,797	4,524
Total passengers carried	261,406	72,758	20,144	354,308
Passenger miles — Unit toll transportation:				
Revenue	3,188,874	505,758	205,003	3,899,635
Non-revenue	22,382	1,437	—	23,819
Total passenger miles	3,211,256	507,195	205,003	3,923,454
Goods carried (lbs.):				
Revenue:				
Scheduled:			Not applicable	
Originated				
Domestic interline				
Foreign interline				
Division interline				
Non-scheduled	1,635,843	226,521	12,218	1,874,582
Total unit toll transportation	1,635,843	226,521	12,218	1,874,582
Bulk transportation	110,865,527	6,688,444	2,199,290	119,753,261
Total revenue	112,501,370	6,914,965	2,211,508	121,627,843
Non-revenue	139,386	13,977	46,075	199,438
Total goods carried	112,640,756	6,928,942	2,257,583	121,827,281
Goods ton miles — Unit toll transportation:				
Revenue	171,972	20,578	219	192,769
Non-revenue	6,933	—	—	6,933
Total goods ton miles	178,905	20,578	219	199,702
Mail carried (lbs.) — Unit toll transportation	691,981	53,152	9,300	754,433
Mail ton miles — Unit toll transportation	71,323	3,380	353	75,056
Available seat miles — Scheduled				
Available ton miles — Scheduled			Not applicable	

TRANSPORTATION STATISTICS - CANADIAN CARRIERS

TABLE 14. Atlantic and Pacific Services, 1953

	T. C. A. Atlantic Services	C. P. A. Pacific Services	Total
Passengers carried:			
Revenue:			
Scheduled:			
Originated	54,477	6,322	60,799
Domestic interline	—	292	292
Foreign interline	—	1,079	1,079
Division interline	264	—	264
Non-scheduled	—	—	—
Total unit toll transportation	54,741	7,693	62,434
Bulk transportation	123	9,582	9,705
Total revenue	54,864	17,275	72,139
Non-revenue	5,188	840	6,028
Total passengers carried	60,052	18,115	78,167
Passenger miles—Unit toll transportation:			
Revenue	114,113,643	36,970,413	151,084,056
Non-revenue	7,386,955	4,283,934	11,670,889
Total passenger miles	121,500,598	41,254,347	162,754,945
Goods carried (lbs.):			
Revenue:			
Scheduled:			
Originated	1,753,720	120,677	1,874,397
Domestic interline	—	17,908	17,908
Foreign interline	—	6,548	6,548
Division interline	19,449	11	19,460
Non-scheduled	—	—	—
Total unit toll transportation	1,773,169	145,144	1,918,313
Bulk transportation	—	—	—
Total revenue	1,773,169	145,144	1,918,313
Non-revenue	337,826	116,274	454,100
Total goods carried	2,110,995	261,418	2,372,413
Goods ton miles—Unit toll transportation:			
Revenue	2,207,050	380,028	2,587,078
Non-revenue	406,768	305,496	712,264
Total goods ton miles	2,613,818	685,524	3,299,342
Mail carried (lbs.)—Unit toll transportation	478,032	86,242	564,274
Mail ton miles—Unit toll transportation	737,461	204,851	942,312
Available seat miles—Scheduled	162,275,637	83,716,110	245,991,747
Available ton miles—Scheduled	23,342,936	12,583,639	35,926,575

REVENUES AND EXPENSES

TABLE 15. Canadian Scheduled Carriers, 1953

	Canadian Pacific Air Lines ¹	Central Northern Airways	Maritime Central Airways	Queen Charlotte Airlines	Quebecair Inc.	Trans- Canada Air Lines ²	Total
	\$	\$	\$	\$	\$	\$	\$
Operating revenues:							
Unit toll transportation:							
Passengers	8,947,756	191,999	377,453	721,768	506,058	48,242,942	58,987,976
Mail	1,702,597	76,448	190,701	31,688	37,393	7,786,119	9,824,946
Goods	1,129,816	134,857	28,721	33,010	60,452	3,673,440	5,060,296
Excess baggage	135,305	5,459	5,442	10,238	13,165	438,015	607,624
Total unit toll transportation	11,915,474	408,763	602,317	796,704	617,068	60,140,516	74,480,842
Bulk transportation	3,649,895	323,667	2,803,928	149,394	385,995	155,033	7,467,912
Other flying services	—	—	66,132	—	—	564	66,696
Total flying services	15,565,369	732,430	3,472,377	946,098	1,003,063	60,296,113	82,015,450
Non-flying services	160,191	27,945	19,932	25,979	8,027	1,940,451	2,182,525
Total operating revenues	15,725,560	760,375	3,492,309	972,077	1,011,090	62,236,564	84,197,975
Operating expenses:							
Aircraft operation and maintenance	10,361,896	550,984	2,359,985	629,824	623,038	31,323,619	45,849,346
Ground operation and maintenance	3,278,194	135,157	296,855	173,378	241,800	18,094,412	22,219,796
Traffic	1,235,445	10,442	70,317	146,898	61,187	8,683,604	10,207,893
General administration	1,148,720	56,098	162,186	129,532	102,078	3,033,219	4,631,833
General taxes	59,505	3,650	5,840	3,459	12,577	298,845	383,876
Total operating expenses	16,083,760	756,331	2,895,183	1,083,091	1,040,680	61,433,699	83,292,744
Operating income (or loss)	Dr. 358,200	4,044	597,126	Dr. 111,014	Dr. 29,590	802,865	905,231
Add non-operating income	204,376	5,774	—	130,557	—	485,037	825,744
Gross income	Dr. 153,824	9,818	597,126	19,543	Dr. 29,590	1,287,902	1,730,975
Deduct interest and other income charges	5,559	346	4,921	13,500	—	731,672	755,998
Net income before income taxes	Dr. 159,383	9,472	592,205	6,043	Dr. 29,590	555,230	974,977
Deduct provision for income taxes	Cr. 525,000	739	347,505	—	—	300,000	123,244
Net income (or deficit) after income taxes	365,617	8,733	244,700	6,043	Dr. 29,590	255,230	851,733
Operating ratio	102.3	99.5	82.9	111.4	102.9	98.7	98.9

1. C. P. A. consolidated financial statement, includes: Domestic and Pacific services.

2. T. C. A. consolidated financial statement, includes: Domestic, trans-border and Atlantic services.

REVENUES AND EXPENSES—CANADIAN CARRIERS
TABLE 16. Non-scheduled Carriers—Domestic Services, 1953

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total
	\$	\$	\$	\$
Operating revenues:				
Unit toll transportation:				
Passengers	464,981	91,493	21,562	578,036
Mail	249,371	11,933	2,856	264,160
Goods.....	284,758	17,198	739	302,695
Excess baggage	13,819	1,166	—	14,985
Total unit toll transportation	1,012,929	121,790	25,157	1,159,876
Bulk transportation	10,247,151	1,496,078	452,961	12,196,190
Other flying services.....	4,118,900	1,125,590	404,534	5,650,024
Total flying services.....	15,378,980	2,744,458	882,652	19,006,090
Non-flying services	725,008	253,480	72,947	1,051,435
Total operating revenues	16,103,988	2,997,938	955,599	20,057,525
Operating expenses:				
Aircraft operation and maintenance.....	12,085,269	2,110,541	573,105	14,768,915
Ground operation and maintenance	2,410,493	430,014	126,525	2,967,032
Traffic	286,559	34,761	10,428	331,748
General administration	1,033,173	400,446	127,231	1,560,850
General taxes	32,109	2,062	4,440	38,611
Total operating expenses	15,847,603	2,977,824	841,729	19,667,156
Operating income (or loss).....	256,385	20,114	113,870	390,369
Add non-operating income.....	109,816	25,920	4,473	140,209
Gross income	366,201	46,034	118,343	530,578
Deduct interest and other income charges	114,444	36,323	3,810	154,577
Net Income before income taxes	251,757	9,711	114,533	376,001
Deduct provision for income taxes	63,257	17,686	26,350	107,293
Net income (or deficit) after income taxes.....	188,500	Dr. 7,975	88,183	268,708
Operating ratio	98.4	99.3	88.1	98.1

TABLE 17. Employees, Salaries and Wages

Canadian carriers	Employees	Salaries and wages	Companies	Employees	Salaries and wages
		\$			\$
General officers	676	4,247,529	Canadian Pacific Airlines ¹	1,404	5,857,227
Clerks and stenographers	1,341	3,532,374	Central Northern Airways	68	264,389
Pilots	722	5,599,224	Maritime Central Airways	205	927,959
Co-pilots	482	2,461,549	Queen Charlotte Airlines	149	533,558
Despatchers.....	137	609,472	Quebecair Inc.	95	356,936
Communication operators.....	808	2,336,236	Trans-Canada Air Lines ¹	7,199	28,303,764
Stewards or other attendants.....	462	1,508,866	Total Scheduled.....	9,120	36,243,833
Air engineers.....	612	2,727,359	Class "B" Carriers	1,191	4,791,788
Mechanics	2,345	8,998,904	Class "C" Carriers	292	955,817
Airport employees.....	1,471	4,723,257	Class "D" Carriers	100	197,026
Stores employees	280	875,402	Total Canadian	10,703	42,188,464
Other employees	1,367	4,568,292	Foreign carriers:		
Total	19,703	42,188,464	Trans Border Services	183	681,405
			Atlantic and Pacific Services	219	826,139
			Total carriers.....	11,105	43,696,008

1. Includes Overseas Services.

TABLE 18. Accidents involving Canadian Air Carriers, 1949-1953¹

	1949	1950	1951	1952	1953		1949	1950	1951	1952	1953
Casualties:						Number of accidents.....	142	148	137	169	174
Pilot:						Type of flying:					
Fatal	23	26	23	28	25	Instructional	4	6	1	2	1
Serious	6	5	9	13	6	Practice	12	7	3	4	3
Minor	9	8	17	18	—	Private	51	70	67	87	86
Crew:						Scheduled.....	3	1	4	2	7
Fatal	4	6	9	3	6	Non-Scheduled.....	56	47	59	67	71
Serious	1	—	1	1	2	State	3	6	—	—	1
Minor	2	1	—	1	—	Other (Including Ferry Test, etc.)	13	11	3	7	5
Passengers:						Probable cause (per cent):					
Fatal	55	66	77	26	43	Personnel.....	60.7	65.9	56.2	51.5	50.0
Serious	6	8	7	13	11	Material failure	8.2	8.8	16.1	14.8	20.7
Minor	17	2	22	24	10	Weather.....	9.9	4.7	6.5	8.9	5.2
Other:						Aerodrome terrain or water	10.7	13.3	5.9	11.2	12.6
Fatal	—	1	—	—	—	Miscellaneous	0.0	0.8	2.9	4.1	4.0
Serious	1	—	1	1	2	Undetermined.....	10.5	6.5	12.4	9.5	7.5
Minor	—	—	—	—	1						
Operational phase:											
Starting	—	1	4	3	7						
Taxiing	19	9	7	11	6						
Take-off	36	29	27	38	37						
Flight	35	39	39	39	42						
Landing	52	68	58	74	81						
Other	—	1	2	4	1						

1. As reported by Civil Aviation Division, Department of Transport.

TABLE 19. Number of Personnel and Airport Licences Issued and Number of Aircraft Registered as of December 31, 1953¹

Personnel	In force December 31, 1953	In force December 31, 1952	Aircraft registered	Total December 31, 1953	Total December 31, 1952
Pilots:			Commercial	1,363	1,292
Glider.....	136	101	Private	1,151	986
Private.....	4,508	4,516	State	140	133
Commercial (Old type).....	—	30	Grand total	2,654	2,411
Commercial	1,532	1,092	Airports		
Senior Commercial	337	193		In force December 31, 1953	In force December 31, 1952
Transport.....	—	409			
Airline transport.....	589	305			
Air navigators.....	53	45			
Air traffic controllers	199	177			
Air engineers	—	251			
Aircraft maintenance engineers	1,429	1,147		433	415

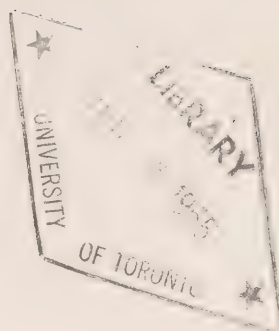
1. As reported by Civil Aviation Division, Department of Transport.

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CANADA



CIVIL AVIATION

1954

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CIVIL AVIATION

1954

Canadian air carriers completed 1954 with an operating income of \$1,876,920, an increase of \$581,320 or 44.9 per cent over the \$1,295,600 reported in 1953. This was the fourth successive surplus in as many years in spite of continued heavy operating expenses.

All the revenue accounts, except bulk transportation receipts, registered gains over the previous year. Passenger fare revenues continued the rapid growth that has characterized recent years and accounted for the greater part of gross earnings with a record \$66,748,505, a gain of \$7,182,493 or 12.1 per cent over 1953. Mail receipts climbed to \$10,873,163 from \$10,089,106; freight earnings rose to \$5,979,693 from \$5,362,991 and excess baggage receipts advanced to \$726,037 as compared with \$622,609 in 1953. Total unit toll transportation revenues thus increased to \$84,327,398 from \$75,640,718, a gain of \$8,686,680 or 11.5 per cent. Bulk transportation services earned \$15,149,492 as compared with \$19,664,102; other flying services produced revenues of \$5,984,893 as against \$5,716,720, and non-flying services which rose from \$3,233,960 to \$3,402,506 brought the total operating revenues up to \$108,864,289 from \$104,255,500 one year ago.

Operating expenses kept pace with operating revenues advancing in each instance except aircraft operation and maintenance which cost \$59,984,323 this year as compared with \$60,618,261 in 1953. The other expense items increased in varying degrees with ground operation and maintenance requiring \$27,840,216 against \$25,186,828; traffic charges were up to \$11,806,206 from \$10,539,641; general administration costs rose to \$6,824,333 from \$6,192,633 and general taxes, at \$532,291 from \$422,487, raised total operating expenses to \$106,987,369, an advance of \$4,027,469 over the 1953 figure of \$102,959,900.

The number of passengers carried during the year 1954, reflects some of the progress made towards the popularity and general acceptance of air travel by the Canadian public. Those carried in revenue unit toll transportation services numbered 1,986,099 compared with 1,822,748, a gain of 163,351 or 9.0 per cent while the number of revenue passenger miles rose 14.2 per cent to 1,023,134,596 from 895,597,913 and a total nearly 11 times the amount reported ten years earlier in 1944. In addition, 330,566 passengers were carried in bulk transportation services while 65,110 persons were transported in non revenue services. Total pas-

sengers carried thus numbered 2,381,775 as compared with 2,273,143 in 1953.

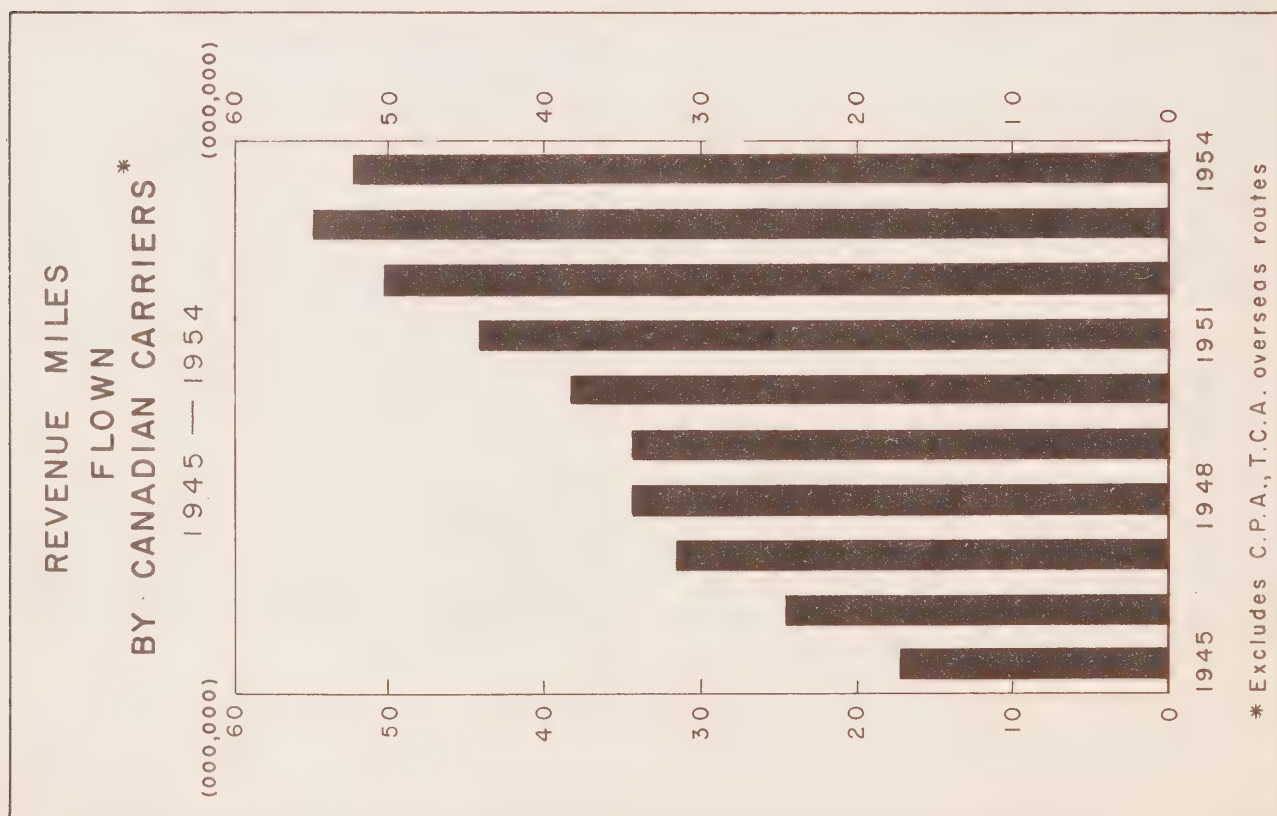
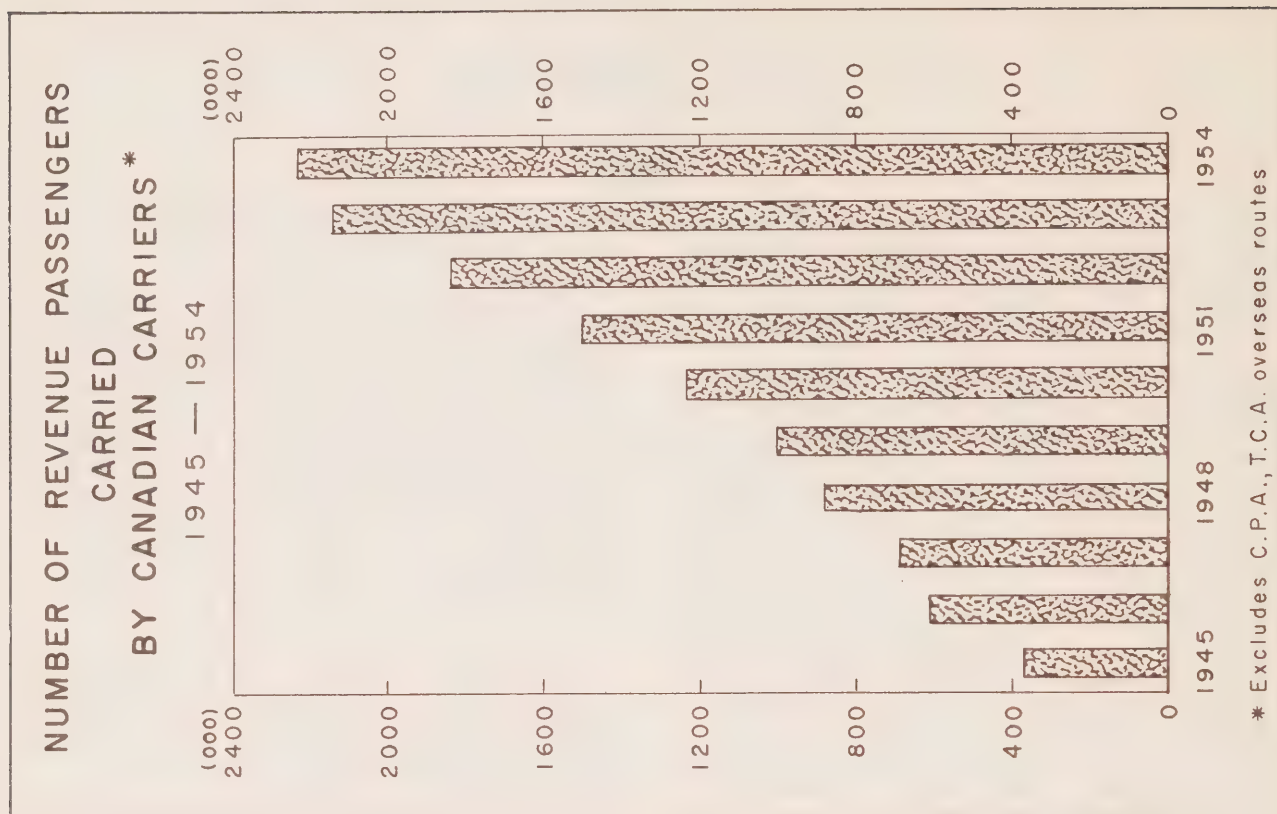
The amount of revenue freight transported by air totalled 103,174,610 lbs. of which 40,033,708 lbs. were carried in unit toll services and 63,140,902 lbs. in bulk transportation services. In 1953 Canadian carriers gave airlift to a considerably greater volume of goods with a total of 168,357,031 lbs. of which 35,627,336 lbs. were flown in unit toll flights and 132,729,695 lbs. in bulk transportation services. A new all time high was established for the volume of air mail which rose to 22,161,523 lbs. exceeding last year's record of 17,085,482 lbs. by 5,076,041 lbs. or 29.7 per cent. Mail ton miles climbed to 8,138,079 from 6,307,456, an improvement of 29.0 per cent.

During 1954, Canadian carriers flew a total of 42,564,118 miles in revenue unit toll transportation, remaining aloft 238,121 hours. This compares with 40,883,420 miles flown and 231,511 hours in 1953. An additional 16,755,073 miles were flown in 147,501 hours in the performance of bulk transportation services down somewhat from the 20,915,870 miles travelled in 173,039 hours during last year.

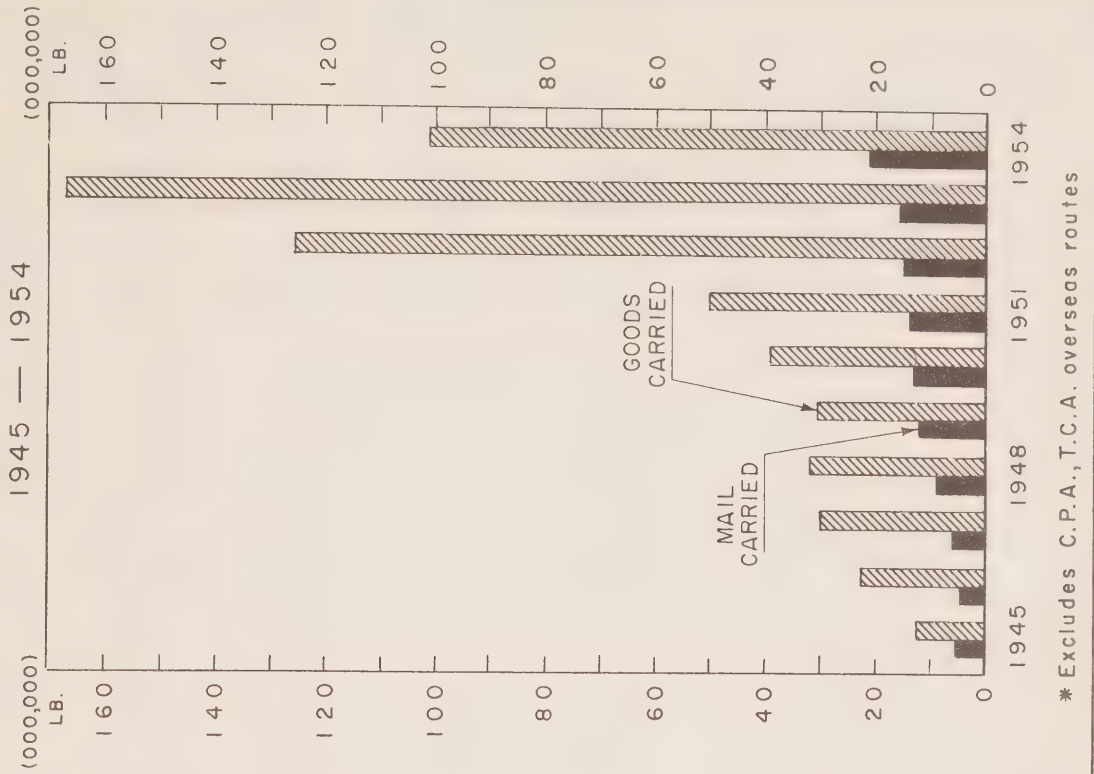
Salaries and wages for the 11,690 employees engaged in the industry totalled \$47,171,414 for the year which compares with the 10,703 employees who earned \$42,188,464 in 1953. The average salary thus rose from \$3,942 to \$4,035, a gain of 2.4 per cent. All other classes of personnel, except co-pilots and dispatchers showed an increase in number and in salary.

Flying for the year was done with an average fleet of 748 planes, an increase of 41 over the 1953 fleet average of 707. Canadian commercial aircraft consumed 46,411,787 gallons of gasoline and 632,122 gallons of oil, the cost of which amounted to \$15,611,647 and \$633,453 respectively. During 1953 the fuel requirements were 44,817,925 gallons of gasoline and 592,859 gallons of oil at a cost of \$15,002,452 for the gasoline and \$583,943 for oil.

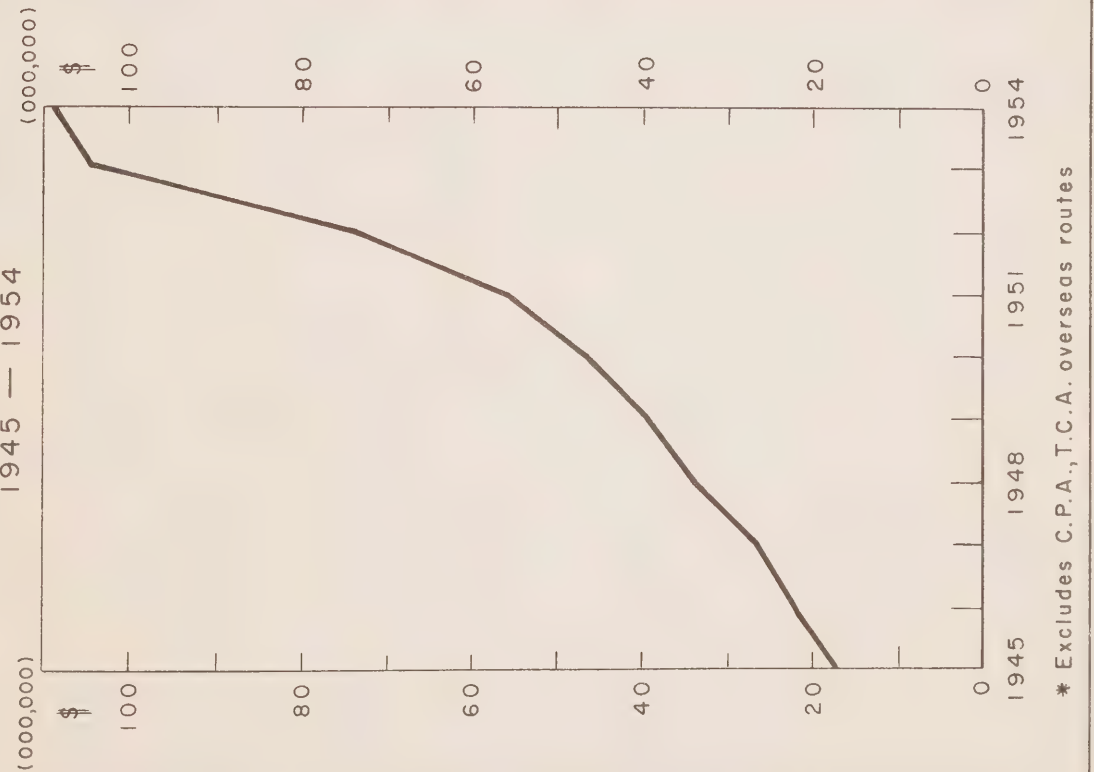
A total of 201 flying accidents involving Canadian carriers claimed 70 lives during 1954 according to the report issued by the Civil Aviation Division, Department of Transport. This compares with 174 accidents and 74 fatalities in 1953. During the year, 47 passengers and 18 pilots lost their lives as against 43 passengers and 25 pilots in 1953.



REVENUE GOODS AND MAIL CARRIED BY CANADIAN CARRIERS*



OPERATING REVENUES OF CANADIAN CARRIERS*



DOMINION BUREAU OF STATISTICS

TABLE 1. Statistical Summary 1949-1954¹

	1954	1953	1952	1951	1950	1949
Miles Flown—revenue	61,582,481	64,076,912	58,775,340	52,578,934	44,470,174	40,083,834
Hours flown:						
Revenue	472,817	498,891	469,677	507,745	267,282	245,956
Non-revenue	21,516	26,044	22,045	74,962	62,232	54,460
Total	494,333	524,935	491,722	582,707	329,514	300,416
Passengers carried:						
Revenue	2,792,348	2,724,432	2,298,194	1,889,950	1,500,361	1,258,614
Non-revenue	73,199	71,405	62,653	58,030	52,985	49,683
Total	2,865,547	2,795,837	2,360,847	1,947,980	1,553,346	1,308,297
Passenger miles:						
Revenue (Unit toll transportation only)	1,066,805,242	942,269,095	805,642,141	679,819,451 ²	550,534,058	464,609,486
Non-revenue " " " "	49,134,404	45,784,828	33,945,124	31,420,440	33,286,119	29,470,517
Total " " " "	1,115,939,646	988,053,923	839,587,265	711,239,891	583,820,177	494,080,003
Goods carried (lbs.):						
Revenue	109,299,356	177,451,345	135,055,106	59,199,354	44,586,726	35,119,684
Non-revenue	5,714,121	5,268,374	5,679,436	4,587,063	3,899,517	3,641,128
Total	115,013,477	182,719,719	140,734,542	63,786,417	48,486,243	38,760,812
Goods ton miles:						
Revenue (Unit toll transportation only)	14,057,279	11,738,487	10,134,861	8,562,261	6,867,410	5,401,245
Non-revenue " " " "	3,379,895	2,796,334	2,519,711	2,440,113	2,180,200	2,072,815
Total " " " "	17,437,174	14,534,821	12,654,572	11,002,374	9,047,610	7,474,060
Mail carried (lbs.)—Unit toll transportation	24,228,571	20,319,952	18,328,310	16,824,652	14,501,110	13,752,434
Mail ton miles—Unit toll transportation	8,239,855	6,419,077	5,725,178	5,306,076	4,732,670	4,513,391
Fuel consumed:						
Gasoline	53,164,769	51,817,843	45,542,485	36,722,262	27,335,505	24,760,805
Cost	17,314,786	16,573,708	12,498,175	9,708,577	8,332,496	7,668,938
Oil	695,642	649,664	547,501	412,272	338,771	311,093
Cost	671,069	614,724	490,258	324,134	302,923	271,601
Average number of employees	12,126	11,105	9,746	8,107	7,239	7,304
Salaries and wages	\$ 48,907,525	\$ 43,696,008	\$ 36,625,014	\$ 27,399,363	\$ 22,111,551	\$ 21,700,697
Operating revenues:						
Unit toll transportation	84,327,398	75,640,718	66,882,820	59,480,858	49,257,054	42,776,983
Bulk transportation	15,149,492	19,664,102	16,952,037	10,202,691	5,231,266	4,285,962
Other revenue services	9,387,399	8,950,680	6,684,438	3,367,983	2,920,098	2,740,463
Total	108,864,289	104,255,500	90,519,295	73,051,532	57,408,418	49,803,408
Operating expenses:						
Aircraft operation and maintenance	59,984,323	60,618,261	51,099,026	38,282,623	33,915,060	30,973,286
Ground operation and maintenance	27,840,216	25,186,828	21,002,448	16,407,372	14,236,754	13,325,960
Traffic, general administration and taxes	19,162,830	17,154,811	14,653,873	11,370,951	9,408,249	8,796,179
Total	106,987,369	102,959,900	86,755,347	66,060,946	57,560,063	53,095,425
Operating income (or loss)	1,876,920	1,295,600	3,763,948	6,990,586	Dr. 151,645	Dr. 3,292,017

1. 1949-1951 revised to include C.P.A. and T.C.A. Overseas Services, subsequently included.

2. Revised.

GENERAL BALANCE SHEET

TABLE 2. Scheduled Carriers, 1954

	Canadian Pacific Air Lines ¹	Central Northern Airways	Maritime Central Airways	Queen Charlotte Airlines	Quebecair Inc.	Trans- Canada Air Lines ¹	Total scheduled carriers
	\$	\$	\$	\$	\$	\$	\$
Assets:							
Current assets	7,666,609	170,791	622,353	229,798	81,395	13,675,835	22,446,781
Investments	160,018	5,145	202,135	2,426	—	22,869	392,593
Deferred debits	84,572	25,266	15,456	—	—	—	125,294
Special funds	—	—	—	—	—	6,000,000	6,000,000
Fixed assets (less depreciation)	13,022,977	307,545	462,566	549,640	332,733	29,666,976	44,322,437
Total	20,914,176	508,747	1,302,510	781,864	414,128	49,365,680	73,287,105
Liabilities:							
Current liabilities	2,684,024	73,852	502,173	365,743	226,339	8,711,873	12,564,004
Long term debt	6,750,000	36,025	9,357	88,859	6,000	23,100,000	29,990,241
Deferred credits	433,938	509	19,901	—	—	1,897,275	2,351,623
Reserves	290,127	—	76,489	89,983	5,076	6,837,413	7,299,088
Capital stock	10,000,000	355,750	15,000	104,701	142,533	5,000,000	15,617,984
Surplus	756,087	42,611	679,590	132,578	34,180	3,819,119	5,464,165
Total	20,914,176	508,747	1,302,510	781,864	414,128	49,365,680	73,287,105

1. Includes overseas services.

GENERAL BALANCE SHEET
TABLE 3. Non-scheduled Carriers, 1954

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total non-scheduled
	\$	\$	\$	\$
Assets:				
Current assets	5,548,436	822,845	325,721	6,697,002
Fixed assets (less depreciation)	5,286,705	974,664	825,449	7,086,818
Other assets	586,482	188,832	80,541	855,855
Total	11,421,623	1,986,341	1,231,711	14,639,675
Liabilities:				
Current liabilities	4,667,879	746,830	307,524	5,722,233
Other liabilities	3,390,502	480,061	335,864	4,206,427
Incorporated companies:				
Capital stock	2,549,561	866,771	385,260	3,801,592
Surplus	720,416	Dr. 350,256	Dr. 75,134	295,026
Non-incorporated businesses — net worth	93,265	242,935	278,197	614,397
Total	11,421,623	1,986,341	1,231,711	14,639,675

TABLE 4. Property Account, 1954
 (Net value, end of year)

	Canadian Pacific Air Lines ¹	Central Northern Airways	Maritime Central Airways	Queen Charlotte Airlines	Quebecair Inc.	Trans- Canada Air Lines ¹	Total scheduled Air Lines	Class "B" carriers	Grand total
	\$	\$	\$	\$	\$	\$	\$	\$	\$
Property and equipment:									
Aircraft	6,659,221	169,555	265,511	443,899	235,465	12,851,621	20,625,272	3,069,903	23,695,175
Aircraft engines	2,324,029	69,333	67,630	—	29,098	4,067,177	6,557,267	571,122	7,128,389
Motor vehicles and floating equipment ..	36,694	3,358	11,409	10,497	4,581	680,304	746,843	179,765	926,608
Aircraft communication equipment	2	3,507	6,174	—	5,882	293,607	309,170	—	309,170
Communication equipment (ground)	—	3,490	5,401	8,249	5,418	24,779	47,337	—	47,337
Miscellaneous flying equipment	243,973	1,096	—	—	2,754	—	247,823	163,625	411,448
Shop and hangar equipment	276,191	7,159	10,953	28,474	8,749	1,201,365	1,532,891	120,482	1,653,373
Fuel storage and distribution equipment ..	—	—	107	—	—	—	107	—	107
Furniture, fixtures and office equipment ..	59,570	3,793	7,742	20,426	6,756	1,031,303	1,129,590	56,759	1,186,349
Airport lighting equipment	—	—	—	—	—	—	—	—	—
Miscellaneous ground equipment	14,938	—	1,318	13,521	4,806	258,313	292,896	124,329	417,225
Buildings	358,681	40,235	84,481	6,571	17,164	5,931,618	6,438,750	734,074	7,172,824
Total net value	9,973,297	301,526	460,726	531,637	320,673	26,340,087	37,927,946	5,020,059	42,948,005
Additions, retirements, depreciation:									
Cost value of assets:									
At beginning of year	18,521,052	624,820	1,711,938	582,948	810,461	36,219,961	58,471,180	10,269,260	68,740,440
Additions during year	818,647	121,668	126,100	65,019	77,260	21,598,309	22,807,003	2,584,787	25,391,790
Retirements during year	3,078,962	81,909	251,602	6,250	69,316	3,412,100	6,900,139	1,635,118	8,535,257
At end of year	16,260,737	664,579	1,586,436	641,717	818,405	54,406,170	74,378,044	11,218,929	85,596,973
Accrued depreciation:									
At beginning of year	4,763,830	368,454	1,035,776	52,625	356,143	25,094,347	31,671,175	5,701,949	37,373,124
Decreases	144,505	66,524	157,383	545	3,363	1,097,416	1,469,736	1,132,808	2,602,544
Provision for depreciation — current year	1,668,115	61,123	247,317	58,000	144,952	4,069,152	6,248,659	1,629,729	7,878,388
At end of year	6,287,440	363,053	1,125,710	110,080	497,732	28,066,083	36,450,098	6,198,870	42,648,968
Total net value	9,973,297	301,526	460,726	531,637	320,673	26,340,087	37,927,946	5,020,059	42,948,005

1. Includes overseas services.

2. C.P.A. aircraft communication equipment data included in aircraft account.

DOMINION BUREAU OF STATISTICS

TABLE 5. Statement of Earned Surplus and Net Worth, 1954

	Canadian Pacific Air Lines ¹	Central Northern Airways	Maritime Central Airways	Queen Charlotte Airlines	Quebecair Inc.	Trans- Canada Air Lines ¹	Total scheduled Air Lines	Class "B" carriers	Grand total
	\$	\$	\$	\$	\$	\$	\$	\$	\$
Credit balance at beginning of year	186,630	46,357	574,344	47,468	4,423	4,955,066	5,814,288	859,798	6,674,086
Additions:									
Net income for the year	346,026	4,266	80,506	44,468	33,195	496,146	1,004,607	410,765	1,415,372
Miscellaneous credits	623,431	738	80,614	6,000	—	367,907	1,078,690	312,405	1,391,095
Total additions	969,457	5,004	161,120	50,468	33,195	864,053	2,083,297	723,170	2,806,467
Deductions:									
Deficit for the year	—	—	—	—	—	—	—	421,005	421,005
Miscellaneous debits	—	—	173,474	71,243	6,938	2,000,000	2,251,655	114,957	2,366,612
Dividends	400,000	8,750	90,000	—	—	—	498,750	476,649	975,399
Deductions from net worth	—	—	—	—	—	—	—	—	—
Total deductions	400,000	8,750	263,474	71,243	6,938	2,000,000	2,750,405	1,012,611	3,763,016
Credit balance at end of year	756,087	42,611	471,990	26,693	30,680	3,819,119	5,147,180	570,357	5,717,537

1. Includes overseas services.

TABLE 6. General Statistics, 1954

	Canadian carriers					Foreign carriers		Grand total all services
	Domestic services		Trans-border services	Atlantic and Pacific services	Total	Trans-border services	Atlantic and Pacific services	
	Scheduled	Non-scheduled						
Miles flown:								
Revenue:								
Unit toll transportation	30,631,437	1,762,383	4,324,238	5,846,060	42,564,118	1,321,495	873,905	44,759,518
Bulk transportation.....	1,717,376	13,738,768	908	1,298,021	16,755,073	3,913	63,977	16,822,963
Total revenue miles flown	32,348,813	15,501,151	4,325,146	7,144,081	59,319,191	1,325,408	937,882	61,582,481
Hours flown:								
Revenue:								
Unit toll transportation	175,821	15,941	22,723	23,636	238,121	7,725	3,432	249,278
Bulk transportation.....	13,080	129,305	4	5,112	147,501	29	249	147,779
Other flying services	409	75,351	—	—	75,760	—	—	75,760
Total revenue	189,310	220,597	22,727	28,748	461,382	7,754	3,681	472,817
Non-revenue.....	7,908	11,720	364	1,484	21,476	28	12	21,516
Total hours flown	197,218	232,317	23,091	30,232	482,858	7,782	3,693	494,333
Fuel consumed:								
Gasoline..... gals.	26,941,079	5,133,250	4,190,300	10,147,158	46,411,787	764,998 ³	5,987,984 ³	53,164,769
Cost	\$ 9,086,047	2,312,049	1,028,313	3,185,238	15,611,647	288,432	1,414,707	17,314,786
Oil..... gals.	370,128	76,116	53,655	132,223	632,122	6,295 ³	57,225 ³	695,642
Cost	\$ 367,816	103,185	39,008	123,444	633,453	4,683	32,933	671,069
Average number of employees.....	9,206	1,521	2	963	11,690	191	245	12,126
Salaries and wages	\$ 37,029,485	5,918,157	2	4,223,772	47,171,414	779,169	956,942	48,907,525
Average number of aircraft:								
Owned.....	135	549	2	14	698	Not applicable	Not applicable	698
Leased	5	45	2	—	50			50
Total.....	140	594	2	14	748			748
Ratio of miles flown to miles scheduled ¹	95.0	Not applicable	93.7	95.0	94.9	98.4	93.4	95.0
Revenue passenger load factor — scheduled.....	68.9		74.4	58.0	67.0	41.7	37.5	65.2

1. Includes miles flown on regular scheduled flights only.

2. Included in scheduled domestic services.

3. Gasoline and oil taken on in Canada.

TABLE 7. Transportation Statistics, 1954

	Canadian carriers					Foreign carriers		Grand total all services
	Domestic services		Trans-border services	Atlantic and Pacific services	Total	Trans-border services	Atlantic and Pacific services	
	Scheduled	Non-scheduled						
Passengers carried:								
Revenue:								
Unit toll transportation	1, 513, 787	45, 795	351, 343	75, 174	1, 986, 099	429, 252	40, 229	2, 455, 580
Bulk transportation	36, 381	284, 115	141	9, 929	330, 566	790	5, 412	336, 768
Total revenue	1, 550, 168	329, 910	351, 484 ¹	85, 103	2, 316, 665	430, 042	45, 641	2, 792, 348
Non-revenue	48, 464	3, 302	6, 065	7, 279	65, 110	5, 956	2, 133	73, 199
Total passengers carried	1, 598, 632	333, 212	357, 549	92, 382	2, 381, 775	435, 998	47, 774	2, 865, 547
Passenger miles — Unit toll transportation:								
Revenue	701, 731, 665	5, 672, 125	118, 200, 933	197, 529, 873	1, 023, 134, 596	21, 938, 835	21, 731, 811	1, 066, 805, 242
Non-revenue	34, 358, 844	46, 859	2, 085, 038	11, 167, 906	47, 658, 647	594, 787	880, 970	49, 134, 404
Total passenger miles	736, 090, 509	5, 718, 984	120, 285, 971	208, 697, 779	1, 070, 793, 243	22, 533, 622	22, 612, 781	1, 115, 939, 646
Goods carried (lbs.):								
Revenue:								
Unit toll transportation	25, 398, 071	2, 055, 480	10, 333, 579	2, 246, 578	40, 033, 708	4, 748, 922	1, 349, 255	46, 131, 885
Bulk transportation	7, 654, 835	55, 486, 067	—	—	63, 140, 902	9, 338	17, 231	63, 167, 471
Total revenue	33, 052, 906	57, 541, 547	10, 333, 579 ²	2, 246, 578	103, 174, 610	4, 758, 260	1, 366, 486	109, 299, 356
Non-revenue	4, 588, 684	222, 546	104, 206	510, 756	5, 426, 192	84, 109	203, 820	5, 714, 121
Total goods carried	37, 641, 590	57, 764, 093	10, 437, 785	2, 757, 334	108, 600, 802	4, 842, 369	1, 570, 306	115, 013, 477
Goods ton miles — Unit toll transportation:								
Revenue	8, 018, 181	340, 268	1, 898, 403	3, 356, 689	13, 613, 541	158, 395	285, 343	14, 057, 279
Non-revenue	2, 529, 063	6, 527	17, 818	745, 798	3, 299, 206	34, 821	45, 868	3, 379, 895
Total goods ton miles	10, 547, 244	346, 795	1, 916, 221	4, 102, 487	16, 912, 747	193, 216	331, 211	17, 437, 174
Mail carried (lbs.) — Unit toll transportation	19, 818, 418	828, 564	698, 360	816, 181	22, 161, 523	1, 570, 450	496, 598	24, 228, 571
Mail ton miles — Unit toll transportation	6, 545, 108	59, 193	128, 592	1, 405, 186	8, 138, 079	52, 838	48, 938	8, 239, 855

1. Includes 28,825 division interline passengers.

2. Includes 375,143 lbs. division interline goods.

TABLE 8. Revenues and Expenses, 1954

	Canadian carriers		
	Scheduled ¹	Non-scheduled	Total
	\$	\$	\$
Operating revenues:			
Unit toll transportation:			
Passengers	65, 916, 456	832, 049	66, 748, 505
Mail	10, 610, 804	262, 359	10, 873, 163
Goods	5, 701, 096	278, 597	5, 979, 693
Excess baggage	713, 426	12, 611	726, 037
Total unit toll transportation	82, 941, 782	1, 385, 616	84, 327, 398
Bulk transportation	5, 214, 820	9, 934, 672	15, 149, 492
Other flying services	74, 911	5, 909, 982	5, 984, 893
Total flying services	88, 231, 513	17, 230, 270	105, 461, 783
Non-flying services	2, 498, 749	903, 757	3, 402, 506
Total operating revenues	90, 730, 262	18, 134, 027	108, 864, 289
Operating expenses:			
Aircraft operation and maintenance	46, 927, 302	13, 057, 021	59, 984, 323
Ground operation and maintenance	25, 140, 430	2, 699, 786	27, 840, 216
Traffic	11, 431, 046	375, 160	11, 806, 206
General administration	5, 109, 390	1, 714, 943	6, 824, 333
General taxes	468, 501	63, 790	532, 291
Total operating expenses	89, 076, 669	17, 910, 700	106, 987, 369
Operating income (or loss)	1, 653, 593	223, 327	1, 876, 920
Add non-operating income	559, 841	47, 520	607, 361
Gross income	2, 213, 434	270, 847	2, 484, 281
Deduct interest and other income charges	1, 062, 651	197, 515	1, 260, 166
Net income before income taxes	1, 150, 783	73, 332	1, 224, 115
Deduct provision for income taxes	146, 176	228, 292	374, 468
Net income (or deficit) after income taxes	1, 004, 607	Dr. 154, 960	849, 647
Operating ratio	98.2	98.8	98.3

1. Includes Canadian Trans-border, Atlantic and Pacific services.

Note: Revenues and expenses for foreign carriers not available.

GENERAL STATISTICS

TABLE 9. Canadian Scheduled Carriers — Domestic Services, 1954

	Canadian Pacific Air Lines	Central Northern Airways	Maritime Central Airways	Queen Charlotte Airlines	Quebecair Inc.	Trans- Canada Air Lines	Total
Miles scheduled	5, 310, 354	107, 328	508, 285	284, 005	350, 089 ³	22, 681, 061	29, 241, 122
Miles flown:							
Revenue:							
Unit toll transportation	5, 796, 777	497, 849	612, 730	656, 264	350, 089	22, 717, 728	30, 631, 437
Bulk transportation	24, 855	332, 184	777, 706	275, 838	224, 143	82, 650	1, 717, 376
Total revenue	5, 821, 632	830, 033	1, 390, 436	932, 102	574, 232	22, 800, 378	32, 348, 813
Non-revenue	146, 099	41, 905	29, 636	24, 702	14, 923	1, 002, 471	1, 259, 736
Total miles flown	5, 967, 731	871, 938	1, 420, 072	956, 804	589, 155	23, 802, 849	33, 608, 549
Hours flown:							
Revenue:							
Unit toll transportation	38, 789	4, 217	4, 314	5, 062	3, 043	120, 396	175, 821
Bulk transportation	185	3, 114	4, 905	2, 598	1, 841	437	13, 080
Other flying services	—	—	399	—	—	10	409
Total revenue	38, 974	7, 331	9, 618	7, 660	4, 884	120, 843	189, 310
Non-revenue	917	367	215	309	136	5, 964	7, 908
Total hours flown	39, 891	7, 698	9, 833	7, 969	5, 020	126, 807	197, 218
Fuel consumed:							
Gasoline	3, 826, 350 gals.	276, 097	854, 051	411, 159	334, 560	21, 238, 862	26, 941, 079
Cost	1, 586, 655 \$	131, 641	301, 894	138, 073	121, 469	6, 806, 315	9, 086, 047
Oil	49, 909 gals.	4, 273	8, 660	6, 637	5, 836	294, 813	370, 128
Cost	49, 526 \$	4, 412	7, 932	6, 638	5, 494	293, 814	367, 816
Average Number of employees	1, 087	65	146	139	85	7, 684 ²	9, 206
Salaries and wages	\$ 4, 438, 151	257, 554	645, 434	511, 407	312, 904	30, 864, 035 ²	37, 029, 485
Average Number of aircraft:							
Owned	27	25	17	10	8	48 ²	135
Leased	—	—	—	5	—	—	5
Total	27	25	17	15	8	48²	140
Ratio of miles flown to miles scheduled ¹	96.8	73.3	91.2	88.6	100.0	94.8	95.0
Revenue passenger load factor — scheduled	53.7	4	33.3	61.3	42.9	72.6	68.9

1. Includes miles flown on regular scheduled flights only.

2. Includes Trans-border services.

3. Estimated.

4. Not available.

GENERAL STATISTICS — CANADIAN CARRIERS

TABLE 10. Non-Scheduled Carriers — Domestic Services, 1954

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total
Miles scheduled	Not applicable			
Miles flown:				
Revenue:				
Unit toll transportation	1, 526, 194	147, 171	89, 018	1, 762, 383
Bulk transportation	9, 897, 944	2, 917, 309	923, 515	13, 738, 768
Total revenue	11, 424, 138	3, 064, 480	1, 012, 533	15, 501, 151
Non-revenue	1	1	1	1
Total miles flown	1	1	1	1
Hours flown:				
Revenue:				
Unit toll transportation	13, 884	1, 313	744	15, 941
Bulk transportation	90, 944	29, 766	8, 595	129, 305
Other flying services	51, 158	11, 555	12, 638	75, 351
Total revenue	155, 986	42, 634	21, 977	220, 597
Non-revenue	6, 787	2, 973	1, 960	11, 720
Total hours flown	162, 773	45, 607	23, 937	232, 317
Fuel Consumed:				
Gasoline	4, 217, 918 gals.	695, 370	219, 962	5, 133, 250
Cost	1, 878, 591 \$	324, 238	109, 220	2, 312, 049
Oil	61, 491 gals.	10, 517	4, 108	76, 116
Cost	82, 723 \$	14, 424	6, 038	103, 185
Average Number of employees	1, 153	244	124	1, 521
Salaries and wages	\$ 4, 900, 261	781, 113	236, 783	5, 918, 157
Average Number of aircraft:				
Owned	311	155	83	549
Leased	25	9	11	45
Total	336	164	94	594
Ratio of miles flown to miles scheduled	Not applicable			
Revenue passenger load factor — scheduled	Not applicable			

1. Not available.

GENERAL STATISTICS — CANADIAN CARRIERS

TABLE 11. Atlantic and Pacific Services, 1954

	T. C. A. Atlantic services	C. P. A. Pacific services	Total
Miles scheduled	3, 725, 092	2, 269, 974	5, 995, 066
Miles flown:			
Revenue:			
Unit toll transportation	3, 820, 867	2, 025, 193	5, 846, 060
Bulk transportation	30, 969	1, 267, 052	1, 298, 021
Total revenue	3, 851, 836	3, 292, 245	7, 144, 081
Non-revenue	282, 487	71, 907	354, 394
Total miles flown	4, 134, 323	3, 364, 152	7, 498, 475
Hours flown:			
Revenue:			
Unit toll transportation	16, 060	7, 576	23, 636
Bulk transportation	121	4, 991	5, 112
Other flying services	—	—	—
Total revenue	16, 181	12, 567	28, 748
Non-revenue	1, 215	269	1, 484
Total hours flown	17, 396	12, 836	30, 232
Fuel Consumed:			
Gasoline	5, 694, 452	4, 452, 706	10, 147, 158
Cost	1, 681, 091	1, 504, 147	3, 185, 238
Oil	82, 137	50, 086	132, 223
Cost	68, 745	54, 699	123, 444
Average Number of employees	601	362	963
Salaries and wages	2, 460, 551	1, 763, 221	4, 223, 772
Average Number of aircraft:			
Owned	9	5	14
Leased	—	—	—
Total	9	5	14
Ratio of miles flown to miles scheduled ¹	98.8	88.7	95.0
Revenue passenger load factor—scheduled	68.5	44.4	58.0

1. Includes miles flown on regular scheduled flights only.

TRANSPORTATION STATISTICS

TABLE 12. Canadian Scheduled Carriers — Domestic Services, 1954

	Canadian Pacific Air Lines	Central Northern Airways	Maritime Central Airways	Queen Charlotte Airlines	Quebecair Inc.	Trans- Canada Air Lines	Total
Passengers carried:							
Revenue:							
Scheduled:							
Originated	193, 091	2, 128	27, 137	38, 473	100, 522	978, 323	1, 339, 674
Domestic interline	17, 016	—	3, 362	—	—	13, 393	33, 771
Foreign interline	8, 935	—	—	—	—	72, 610	81, 545
Division interline	—	—	—	—	—	33, 253	33, 253
Non-scheduled	3, 771	6, 839	2, 157	12, 777	—	—	25, 544
Total unit toll transportation	222, 813	8, 967	32, 656	51, 250	100, 522	1, 097, 579	1, 513, 787
Bulk transportation	425	3, 201	14, 747	5, 377	5, 113	7, 518	36, 381
Total revenue	223, 238	12, 168	47, 403	56, 627	105, 635	1, 105, 097	1, 550, 168
Non-revenue	3, 375	92	1, 183	893	111	42, 810	48, 464
Total passengers carried	226, 613	12, 260	48, 586	57, 520	105, 746	1, 147, 907	1, 598, 632
Passenger miles — Unit toll transportation:							
Revenue	86, 049, 681	1, 282, 815	5, 007, 789	7, 484, 880	3, 908, 512	597, 997, 988	701, 731, 665
Non-revenue	2, 242, 046	12, 561	116, 873	177, 887	12, 426	31, 797, 051	34, 358, 844
Total passenger miles	88, 291, 727	1, 295, 376	5, 124, 662	7, 662, 767	3, 920, 938	629, 795, 039	736, 090, 509
Goods carried (lbs):							
Revenue:							
Scheduled:							
Originated	6, 657, 766	29, 840	409, 034	233, 552	2, 309, 499	12, 045, 311	21, 685, 002
Domestic interline	13, 683	—	46, 536	—	—	6, 648	66, 867
Foreign interline	17, 374	—	—	—	—	27, 135	44, 509
Division interline	294	—	—	—	—	1, 914, 626	1, 914, 920
Non-scheduled	64, 840	1, 296, 152	182, 499	143, 282	—	—	1, 686, 773
Total unit toll transportation	6, 753, 957	1, 325, 992	638, 069	376, 834	2, 309, 499	13, 993, 720	25, 398, 071
Bulk transportation	25, 399	3, 568, 942	2, 725, 270	30, 619	1, 266, 065	38, 540	7, 654, 835
Total revenue	6, 779, 356	4, 894, 934	3, 363, 339	407, 453	3, 575, 564	14, 032, 260	33, 052, 906
Non-revenue	478, 699	71, 480	—	20, 790	—	4, 017, 715	4, 588, 684
Total goods carried	7, 258, 055	4, 966, 414	3, 363, 339	428, 243	3, 575, 564	18, 049, 975	37, 641, 590

TRANSPORTATION STATISTICS

TABLE 12. Canadian Scheduled Carriers — Domestic Services, 1954 — Concluded

	Canadian Pacific Air Lines	Central Northern Airways	Maritime Central Airways	Queen Charlotte Airlines	Quebecair Inc.	Trans- Canada Air Lines	Total
Goods tons miles — Unit toll transportation:							
Revenue	1, 489, 682	60, 290	141, 272	35, 008	52, 547	6, 239, 382	8, 018, 181
Non-revenue	156, 036	1, 968	—	2, 633	—	2, 368, 426	2, 529, 063
Total goods ton miles	1, 645, 718	62, 258	141, 272	37, 641	52, 547	8, 607, 808	10, 547, 244
Mail carried (lbs) — Unit toll transportation	2, 811, 134	470, 786	806, 279	161, 023	845, 688	14, 723, 508	19, 818, 418
Mail ton miles — Unit toll transportation	607, 578	33, 092	76, 548	16, 100	19, 566	5, 792, 224	6, 545, 108
Available seat miles — Scheduled	154, 502, 981	1	11, 708, 181	7, 348, 544	9, 107, 000	823, 674, 758	1,006,341,464
Available ton miles — Scheduled	17, 914, 162	1	1, 194, 983	757, 579	933, 958	108, 177, 008	128, 977, 690

1. Not available.

TRANSPORTATION STATISTICS — CANADIAN CARRIERS

TABLE 13. Non-Scheduled Carriers — Domestic Services, 1954

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total
Passengers carried:				
Revenue:				
Scheduled:			Not	
Originated			applicable	
Domestic interline				
Foreign interline				
Division interline				
Non-scheduled	36, 284	6, 990	2, 521	45, 795
Total unit toll transportation	36, 284	6, 990	2, 521	45, 795
Bulk transportation	202, 827	64, 106	17, 182	284, 115
Total revenue	239, 111	71, 096	19, 703	329, 910
Non-revenue	1, 783	698	821	3, 302
Total passengers carried	240, 894	71, 794	20, 524	333, 212
Passenger miles — Unit toll transportation:				
Revenue	4, 991, 129	388, 075	292, 921	5, 672, 125
Non-revenue	42, 097	962	3, 800	46, 859
Total passenger miles	5, 033, 226	389, 037	296, 721	5, 718, 984
Goods carried (lbs):				
Revenue:				
Scheduled:			Not	
Originated			applicable	
Domestic interline				
Foreign interline				
Division interline				
Non-scheduled	1, 881, 884	159, 040	14, 556	2, 055, 480
Total unit toll transportation	1, 881, 884	159, 040	14, 556	2, 055, 480
Bulk transportation	45, 578, 471	8, 110, 523	1, 797, 073	55, 486, 067
Total revenue	47, 460, 355	8, 269, 563	1, 811, 629	57, 541, 547
Non-revenue	167, 321	44, 057	11, 163	222, 546
Total goods carried	47, 627, 676	8, 313, 620	1, 822, 797	57, 764, 093
Goods ton miles — Unit toll transportation:				
Revenue	332, 868	5, 779	1, 621	340, 268
Non-revenue	6, 527	—	—	6, 527
Total goods ton miles	339, 395	5, 779	1, 621	346, 795
Mail carried (lbs) — Unit toll transportation	763, 882	56, 657	8, 025	828, 564
Mail ton miles — Unit toll transportation	54, 943	3, 652	598	59, 193
Available seat miles — Scheduled				
Available ton miles — Scheduled			Not applicable	

TRANSPORTATION STATISTICS — CANADIAN CARRIERS

TABLE 14. Atlantic and Pacific Services, 1954

	T. C. A. Atlantic Services	C. P. A. Pacific Services	Total
Passengers carried:			
Revenue:			
Scheduled:			
Originated	60,691	10,968	71,659
Domestic interline	—	637	637
Foreign interline	—	2,729	2,729
Division interline	149	—	149
Non-scheduled	—	—	—
Total unit toll transportation	60,840	14,334	75,174
Bulk transportation	536	9,393	9,929
Total revenue	61,376	23,727	85,103
Non-revenue	6,641	638	7,279
Total passengers carried	68,017	24,365	92,382
Passenger miles — Unit toll transportation:			
Revenue	131,967,863	65,562,010	197,529,873
Non-revenue	8,818,457	2,349,449	11,167,906
Total passenger miles	140,786,320	67,911,459	208,697,779
Goods carried (lbs.):			
Revenue:			
Scheduled:			
Originated	1,968,277	206,457	2,174,734
Domestic interline	—	39,769	39,769
Foreign interline	—	23,324	23,324
Division interline	8,395	356	8,751
Non-scheduled	—	—	—
Total unit toll transportation	1,976,672	269,906	2,246,578
Bulk transportation	—	—	—
Total revenue	1,976,672	269,906	2,246,578
Non-revenue	415,026	95,730	510,756
Total goods carried	2,391,698	365,636	2,757,334
Goods ton miles — Unit toll transportation:			
Revenue	2,586,299	770,390	3,356,689
Non-revenue	514,456	231,342	745,798
Total goods ton miles	3,100,755	1,001,732	4,102,487
Mail carried (lbs.)—Unit toll transportation	643,984	172,197	816,181
Mail ton miles—Unit toll transportation	1,021,483	383,703	1,405,186
Available seat miles—Scheduled	192,785,978	147,644,562	340,430,540
Available ton miles—Scheduled	27,750,274	15,832,666	43,582,940

REVENUES AND EXPENSES

TABLE 15. Canadian Scheduled Carriers, 1954

	Canadian Pacific Air Lines ¹	Central Northern Airways	Maritime Central Airways	Queen Charlotte Airlines	Quebecair Inc.	Trans- Canada Air Lines ²	Total
	\$	\$	\$	\$	\$	\$	\$
Operating revenues:							
Unit toll transportation:							
Passengers	10,684,747	172,951	504,357	821,670	608,863	53,123,868	65,916,456
Mail	1,893,246	79,179	191,167	36,459	39,409	8,371,344	10,610,804
Goods	1,209,798	79,368	74,986	41,386	74,886	4,220,672	5,701,096
Excess baggage	182,200	3,565	12,010	11,823	18,987	484,841	713,426
Total unit toll transportation	13,969,991	335,063	782,520	911,338	742,145	66,200,725	82,941,782
Bulk transportation	3,446,116	264,905	890,725	174,857	189,409	248,808	5,214,820
Other flying services	—	—	73,412	—	—	1,499	74,911
Total flying services	17,416,107	599,968	1,746,657	1,086,195	931,554	66,451,032	88,231,513
Non-flying services	75,476	21,446	51,124	22,653	14,830	2,313,220	2,498,749
Total operating revenues	17,491,583	621,414	1,797,781	1,108,848	946,384	68,764,252	90,730,262

1. C. P. A. consolidated financial statement, includes: Domestic and Pacific services.

2. T. C. A. consolidated financial statement, includes: Domestic, Trans-border and Atlantic services.

REVENUES AND EXPENSES

TABLE 15. Canadian Scheduled Carriers, 1954 — Concluded

	Canadian Pacific Air Lines ¹	Central Northern Airways	Maritime Central Airways	Queen Charlotte Airlines	Quebecair Inc.	Trans- Canada Air Lines ²	Total
	\$	\$	\$	\$	\$	\$	\$
Operating expenses:							
Aircraft operation and maintenance	10,832,060	426,444	1,195,424	701,995	527,834	33,243,545	46,927,302
Ground operation and maintenance	3,538,101	125,970	248,837	148,775	224,783	20,853,964	25,140,430
Traffic	1,484,166	12,117	61,149	155,499	64,370	9,653,745	11,431,046
General administration	1,091,969	59,774	150,638	119,539	85,356	3,602,114	5,109,390
General taxes	70,028	4,562	4,508	2,911	8,348	378,144	468,501
Total operating expenses	17,016,324	628,867	1,660,556	1,128,719	910,691	67,731,512	89,076,669
Operating income (or loss)	475,259	Dr. 7,453	137,225	Dr. 19,871	35,693	1,032,740	1,653,593
Add non-operating income	261,111	11,719	4,998	80,000	—	202,013	559,841
Gross income	736,370	4,266	142,223	60,129	35,693	1,234,753	2,213,434
Deduct interest and other income charges	304,078	—	4,305	15,661	—	738,607	1,062,651
Net income before income taxes	432,292	4,266	137,918	44,468	35,693	496,146	1,150,783
Deduct provision for income taxes	86,266	—	57,412	—	2,498	—	146,176
Net income (or deficit) after income taxes	346,026	4,266	80,506	44,468	33,195	496,146	1,004,607
Operating ratio	97.3	101.2	92.4	101.8	96.2	98.5	98.2

1. C. P. A. consolidated financial statement, includes: Domestic and Pacific services.

2. T. C. A. consolidated financial statement, includes: Domestic, Trans-border and Atlantic services.

REVENUES AND EXPENSES — CANADIAN CARRIERS

TABLE 16. Non-scheduled Carriers — Domestic Services, 1954

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total
	\$	\$	\$	\$
Operating revenues:				
Unit toll transportation:				
Passengers	732,235	75,869	23,945	832,049
Mail	245,066	14,707	2,586	262,359
Goods	265,960	10,616	2,021	278,597
Excess baggage	11,823	788	—	12,611
Total unit toll transportation	1,255,084	101,980	28,552	1,385,616
Bulk transportation	7,891,989	1,619,660	423,023	9,934,672
Other flying services	4,861,027	498,038	550,917	5,909,982
Total flying services	14,008,100	2,219,678	1,002,492	17,230,270
Non-flying services	751,506	106,423	45,828	903,757
Total operating revenues	14,759,606	2,326,101	1,048,320	18,134,027
Operating expenses:				
Aircraft operation and maintenance	10,806,900	1,604,908	645,213	13,057,021
Ground operation and maintenance	2,035,280	446,055	218,451	2,699,786
Traffic	319,418	50,072	5,670	375,160
General administration	1,254,211	308,918	151,814	1,714,943
General taxes	43,574	6,126	14,090	63,790
Total operating expenses	14,459,383	2,416,079	1,035,238	17,910,700
Operating income (or loss)	300,223	Dr. 89,978	13,082	223,32
Add non-operating income	46,301	Dr. 8,935	10,154	47,52
Gross income	346,524	Dr. 98,913	23,236	270,84
Deduct interest and other income charges	151,147	39,088	7,280	197,51
Net income before income taxes	195,377	Dr. 138,001	15,956	73,32
Deduct provision for income taxes	205,617	11,798	10,877	228,28
Net income (or deficit) after income taxes	Dr. 10,240	Dr. 149,799	5,079	Dr. 154,96
Operating ratio	98.0	103.9	98.8	98.

TABLE 17. Employees, Salaries and Wages

Canadian carriers	Employees	Salaries and wages	Companies	Employees	Salaries and wages
		\$			\$
General officers	791	4,934,812	Canadian Pacific Air Lines ¹	1,449	6,201,372
Clerks and stenographers	1,503	3,958,317	Central Northern Airways	65	257,554
Pilots	786	6,228,947	Maritime Central Airways	146	645,434
Co-pilots	393	2,173,325	Queen Charlotte Airlines	139	511,407
Despatchers	132	606,436	Quebecair Inc.	85	312,904
Communication operators	840	2,548,123	Trans-Canada Air Lines ¹	8,285	33,324,586
Stewards or other attendants	462	1,553,451	Total Scheduled	10,169	41,253,257
Air engineers	654	2,997,836	Class "B" carriers	1,153	4,900,261
Mechanics	2,827	10,816,623	Class "C" carriers	244	781,113
Airport employees	1,559	5,214,242	Class "D" carriers	124	236,783
Stores employees	299	955,288	Total Canadian	11,690	47,171,414
Other employees	1,444	5,184,014	Foreign carriers:		
			Trans-border services	191	779,169
			Atlantic and Pacific services	245	956,942
Total	11,690	47,171,414	Total carriers	12,126	48,907,525

1. Includes Overseas Services.

TABLE 18. Accidents involving Canadian Air Carriers, 1950-1954¹

	1954	1953	1952	1951	1950		1954	1953	1952	1951	1950
Casualties:											
Pilot:						Number of accidents	201	174	169	137	148
Fatal	18	25	28	23	26						
Serious	7	6	13	9	5	Type of flying:					
Minor	5	—	18	17	8	Instructional	2	1	2	1	6
Crew:						Practice	1	3	4	3	7
Fatal	2	6	3	9	6	Private	108	86	87	67	70
Serious	3	2	1	1	—	Scheduled	4	7	2	4	1
Minor	1	—	1	—	1	Non-scheduled	76	71	67	59	47
Passengers:						State	1	1	—	—	6
Fatal	47	43	26	77	66	Other (including ferry, test, etc.)	9	5	7	3	11
Serious	17	11	13	7	8						
Minor	17	10	24	22	2	Probable cause (per cent):					
Other:						Personnel	52.3	50.0	51.5	56.2	65.9
Fatal	3	—	—	—	1	Material failure	20.9	20.7	14.8	16.1	8.8
Serious	—	2	1	1	—	Weather	7.9	5.2	8.9	6.5	4.7
Minor	—	1	—	—	—	Aerodrome terrain or water	12.9	12.6	11.2	5.9	13.3
Operational phase:						Miscellaneous	2.0	4.0	4.1	2.9	0.8
Starting	1	7	3	4	1	Undetermined	4.0	7.5	9.5	12.4	6.5
Taxling	28	6	11	7	9						
Take-off	37	37	38	27	29						
Flight	31	42	39	39	39						
Landing	101	81	74	58	68						
Other	3	1	4	2	1						

1. As reported by Civil Aviation Division, Department of Transport.

TABLE 19. Number of Personnel and Airport Licences Issued and Number of Aircraft Registered as of December 31, 1954¹

Personnel	In force December 31, 1954	In force December 31, 1953	Aircraft registered	Total December 31, 1954	Total December 31, 1953
Pilots:			Commercial	1,369	1,363
Glider	159	136	Private	1,287	1,151
Private	4,980	4,508	State	144	140
Commercial (old type)	—	—	Grand total	2,800	2,654
Commercial	1,499	1,532			
Senior commercial	323	337			
Transport	—	—	Airports		
Airline transport	612	589			
Air navigators	54	53		In force December 31, 1954	In force December 31, 1953
Air traffic controllers	234	199			
Flight engineers	25	—			
Aircraft maintenance engineers	1,388	1,429		470	433

1. As reported by Civil Aviation Division, Department of Transport.

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CANADA

CIVIL AVIATION

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DOMINION BUREAU OF STATISTICS

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CIVIL AVIATION

1955

Canadian air carriers completed a very successful year in 1955, reporting an operating income of \$6,084,204, more than three times the income of \$1,876,920 reported in 1954. The six scheduled airlines accounted for 48.1 per cent of this increase. Net income after taxes amounted to \$4,132,752 compared with \$849,647 in the previous year.

With all revenue accounts showing significant increases, the total operating revenue for the year under review reached a new high of \$152,739,018 compared with \$108,864,289 one year ago, an increase of \$43,874,729 or 40.3 per cent. Revenue received from the transportation of passengers advanced to \$77,598,119 from \$66,748,505, a gain of \$10,849,614 or 16.3 per cent and continued to be the principal source of income. Mail receipts rose to \$10,904,729 from \$10,873,163, freight earnings jumped to \$7,951,670 from \$5,979,693, and excess baggage accounted for revenue of \$863,494 as against \$726,037 last year. Total unit toll transportation revenues thus advanced to \$97,318,012 from \$84,327,398, an increase of \$12,990,614 or 15.4 per cent. Bulk transportation services earned \$44,543,258, nearly three times the \$15,149,492 earned in 1954. Other flying services produced \$6,722,032 as against \$5,984,893 while non-flying services totalled \$4,155,716 compared with \$3,402,506 in the previous year.

Operating expenses for the year were considerably higher in 1955 than in the previous year, due to a large extent to the continuing growth of air service in Canada. Aircraft operation and maintenance expenses rose to \$90,504,604 from \$59,984,323; ground operations and maintenance required \$32,909,216 against \$27,840,216; traffic charges were up to \$13,898,252 from \$11,806,206 and general administration costs rose to \$8,723,804 from \$6,824,333. General taxes at \$618,938 from \$532,291 raised total operating expenses to \$146,654,814 from \$106,987,369, an increase of \$39,667,445 or 37.1 per cent.

The increased volume of traffic carried during the year 1955, both passenger and freight, is a good indication of the continued growth of civil aviation in Canada with all types of traffic, except non-revenue passengers, reaching new record breaking levels. Total passengers transported in unit toll transportation services numbered 2,311,115 as against 1,986,099 a year ago, a gain of 325,016 or 16.4 per cent, while the number of revenue passenger miles increased by 14.9 per cent, to 1,175,343,729 from 1,023,134,596. An additional 406,222 persons were flown in bulk transportation services and 45,407 non-revenue passengers were carried, bringing the total number of passengers transported by Canadian carriers to 2,762,744 as compared with 2,381,775 in 1954.

Canadian air carriers handled a total of 225,294,647 lbs. of revenue goods in 1955, more than twice the total of 103,174,610 lbs. transported

in 1954. This large increase was due mainly to the tremendous jump in the amount of goods carried in bulk transportation services, which amounted to 175,788,626 lbs. compared with 63,140,902 lbs. one year ago, while an additional 49,506,021 lbs. were flown in unit toll services as against 40,003,708 lbs. in 1954. The increase in the amount of goods handled in bulk transportation services was largely a result of the volume of goods transported by air for defence projects in the Canadian northland.

Again this year a new record high was established for the volume of air mail carried by Canadian carriers which climbed to 24,267,437 lbs., exceeding last year's record of 22,161,523 lbs. by 2,105,914 lbs. or 9.5 per cent. Mail ton miles rose to 8,937,435 from 8,138,079, an increase of 9.8 per cent.

Transportation statistics for all services include foreign carriers in both trans-border service and Atlantic and Pacific services. During the year under review these carriers transported 540,431 passengers, 8,838,655 lbs. of goods and 2,349,068 lbs. of mail. The mileage shown for these foreign carriers represents miles flown over Canadian territory only.

During the year, Canadian carriers flew a total of 48,593,351 miles in revenue unit toll transportation, requiring a flying time of 261,424 miles and 238,121 hours. Bulk transportation services accounted for an additional 32,266,480 miles and 254,880 hours, up considerably from the 16,755,073 miles and 147,501 hours flown in this class of service one year ago.

A total of \$55,520,899 was earned in salaries and wages by 13,271 employees engaged in the industry in 1955 compared with total earnings of \$47,171,414 and 11,690 employees in 1954. Thus the average salary rose to \$4,184 from \$4,035, a gain of 3.7 per cent. All classes of personnel increased in number and in salary.

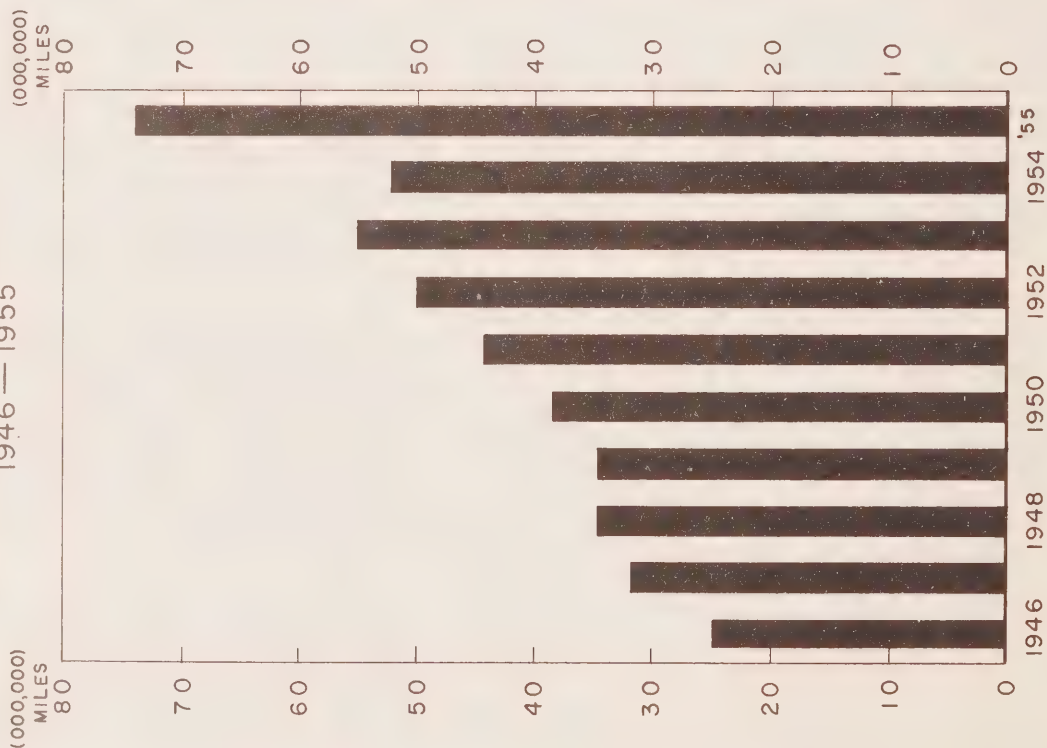
An average fleet of 768 planes was used by Canadian commercial air carriers during the year, an increase of 20 from the 1954 fleet of 748. The operation of this fleet of aircraft required a total of 65,422,771 gallons of gasoline and 902,445 gallons of oil, the cost of which amounted to \$22,004,244 and \$896,667, respectively. During 1954 a total of 46,411,787 gallons of gasoline and 632,122 gallons of oil were consumed at a cost of \$15,611,647 for gasoline and \$633,453 for oil.

A total of 63 lives were lost in 1955 as a result of 264 accidents involving Canadian carriers, according to a report issued by the Civil Aviation Division, Department of Transport. In 1954 there were 201 accidents and 70 fatalities. During the year under review 24 passengers and 34 pilots lost their lives, compared with 47 passengers and 18 pilots in the previous year.

CHART A

REVENUE MILES FLOWN BY CANADIAN CARRIERS*

1946 — 1955

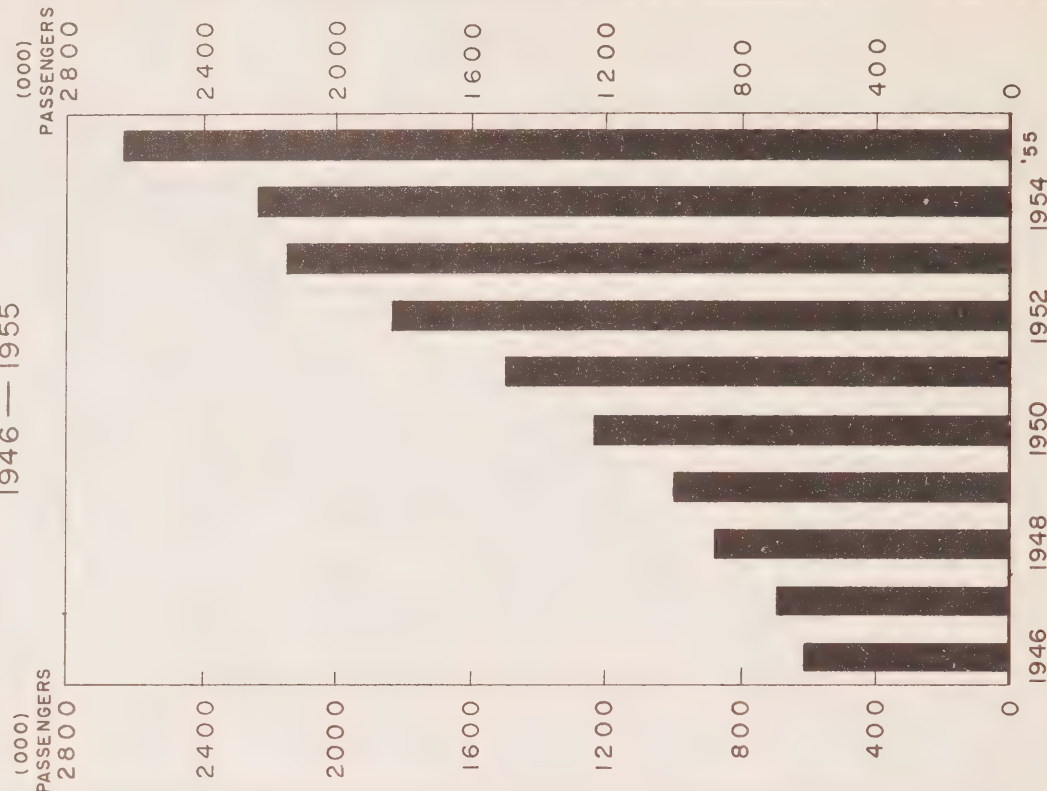


* Excludes C.P.A., T.C.A. overseas routes

CHART B

REVENUE PASSENGERS CARRIED BY CANADIAN CARRIERS*

1946 — 1955

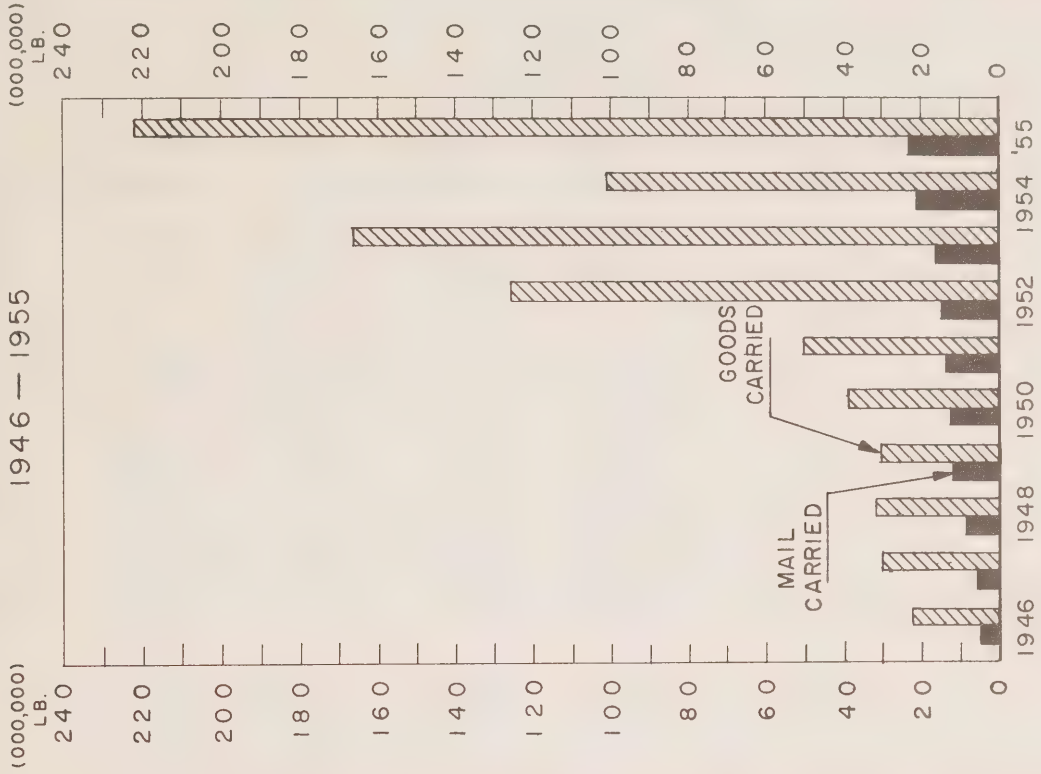


* Excludes C.P.A., T.C.A. overseas routes

CHART D

REVENUE GOODS AND MAIL CARRIED BY CANADIAN CARRIERS*

1946 — 1955

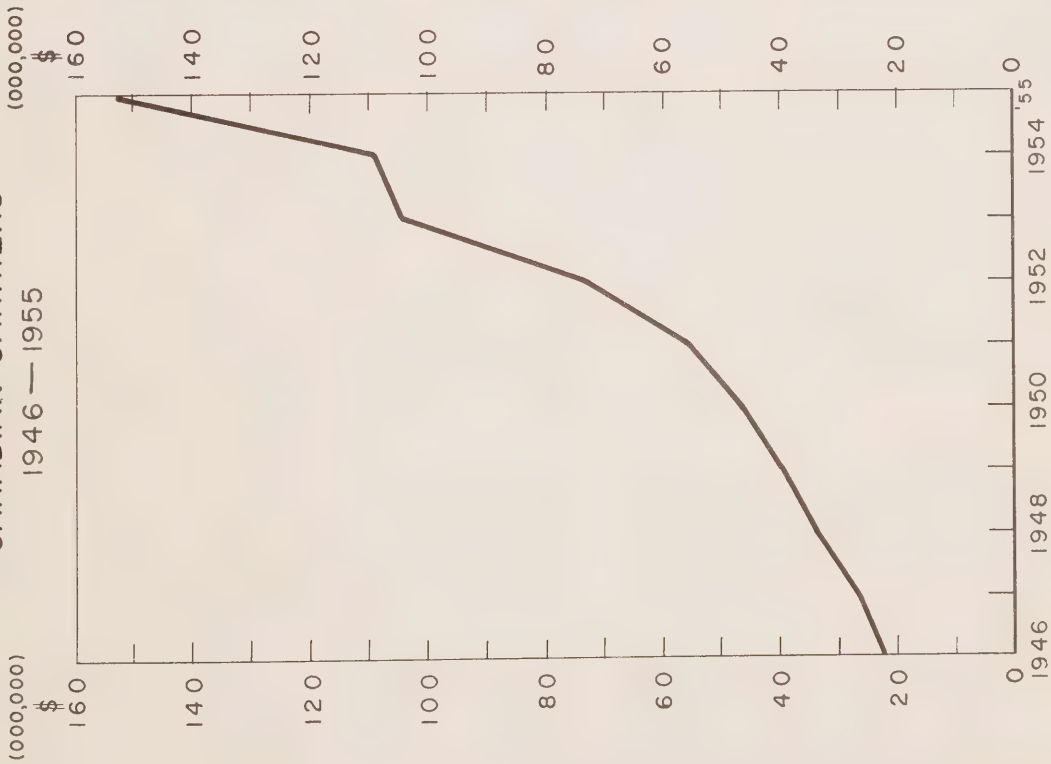


* Excludes C.P.A., T.C.A. overseas routes

CHART C

OPERATING REVENUES OF CANADIAN CARRIERS*

1946 — 1955



* Includes C.P.A., T.C.A. overseas routes

DOMINION BUREAU OF STATISTICS

TABLE 1. Statistical Summary of Civil Aviation in Canada, 1950-1955¹

	1955	1954	1953	1952	1951	1950
Miles Flown—revenue	83,805,304	61,582,481	64,076,912	58,775,340	52,578,934	44,470,174
Hours flown:						
Revenue	605,913	472,817	498,891	469,677	507,745	267,282
Non-revenue	31,306	21,516	26,044	22,045	74,962	62,232
Total	637,219	494,333	524,935	491,722	582,707	329,514
Passengers carried:						
Revenue	3,249,099	2,792,348	2,724,432	2,298,194	1,889,950	1,500,361
Non-revenue	54,076	73,199	71,405	62,653	58,030	52,985
Total	3,303,175	2,865,547	2,795,837	2,360,847	1,947,980	1,553,346
Passenger miles:						
Revenue (Unit toll transportation only)	1,223,825,448	1,066,805,242	942,269,095	805,642,141	679,819,451 ²	550,534,058
Non-revenue " " " "	57,477,989	49,134,404	45,784,828	33,945,124	31,420,440	33,286,119
Total " " " "	1,281,303,437	1,115,939,646	988,053,923	839,587,265	711,239,891	583,820,177
Goods carried (lbs.):						
Revenue	233,561,830	109,299,356	177,451,345	135,055,106	59,199,354	44,586,726
Non-revenue	7,121,832	5,714,121	5,268,374	5,679,436	4,587,063	3,899,517
Total	240,683,662	115,013,477	182,719,719	140,734,542	63,786,417	48,486,243
Goods ton miles:						
Revenue (Unit toll transportation only)	18,084,169	14,057,279	11,738,487	10,134,861	8,562,261	6,867,410
Non-revenue " " " "	3,477,194	3,379,895	2,796,334	2,519,711	2,440,113	2,180,200
Total " " " "	21,561,363	17,437,174	14,534,821	12,654,572	11,002,374	9,047,610
Mail carried (lbs.) — Unit toll transportation	26,616,505	24,228,571	20,319,952	18,328,310	16,824,652	14,501,110
Mail ton miles — Unit toll transportation	9,048,610	8,239,855	6,419,077	5,725,178	5,306,076	4,732,670
Fuel consumed:						
Gasoline	77,938,918 gals.	53,164,769	51,817,843	45,542,485	36,722,262	27,335,505
Cost	25,070,432 \$	17,314,786	16,573,708	12,498,175	9,708,577	8,332,496
Oil	1,006,154 gals.	695,642	649,664	547,501	412,272	338,771
Cost	960,154 \$	671,069	614,724	490,258	324,134	302,923
Average number of employees	13,783	12,126	11,105	9,746	8,107	7,239
Salaries and wages	\$ 57,665,410	48,907,525	43,696,008	36,625,014	27,399,363	22,111,551
Operating revenues:						
Unit toll transportation	97,318,012	84,327,398	75,640,718	66,882,820	59,480,858	49,257,054
Bulk transportation	44,543,258	15,149,492	19,664,102	16,952,037	10,202,691	5,231,266
Other revenue services	10,877,748	9,387,399	8,950,680	6,684,438	3,367,983	2,920,098
Total	152,739,018	108,864,289	104,255,500	90,519,295	73,051,532	57,408,418
Operating expenses:						
Aircraft operation and maintenance	90,504,604	59,984,323	60,618,261	51,099,026	38,282,623	33,915,060
Ground operation and maintenance	32,909,216	27,840,216	25,186,828	21,002,448	16,407,372	14,236,754
Traffic, general administration and taxes	23,240,994	19,162,830	17,154,811	14,653,873	11,370,951	9,408,249
Total	146,654,814	106,987,369	102,959,900	86,755,347	66,060,946	57,560,063
Operating income (or loss)	6,084,204	1,876,920	1,295,600	3,763,948	6,990,586	Dr. 151,645

1. 1950-1951 revised to include C.P.A. and T.C.A. Overseas Services, subsequently included.

2. Revised.

TABLE 2. General Balance Sheet of Canadian Scheduled Air Carriers, 1955

	Canadian Pacific Air Lines ¹	Central Northern Airways	Maritime Central Airways	Queen Charlotte Airlines	Quebecair Inc.	Trans-Canada Air Lines ¹	Total scheduled carriers
Assets:							
Current assets	8,930,277	577,329	3,107,086	291,069	517,301	15,046,652	28,469,714
Investments	158,988	5,145	84,635	34,730	—	32,189	315,687
Deferred debits	85,266	—	15,456	107,600	126,208	—	334,530
Special funds	—	—	—	—	—	6,000,000	6,000,000
Fixed assets (less depreciation)	12,172,860	808,439	2,165,487	1,448,770	2,304,528	40,713,374	59,613,458
Total	21,347,391	1,390,913	5,372,664	1,882,169	2,948,037	61,792,215	94,733,389
Liabilities:							
Current liabilities	3,525,355	478,208	3,856,133	376,256	1,120,192	9,936,288	19,292,432
Long term debt	5,750,000	520,000	27,898	351,381	1,162,548	33,500,000	41,311,827
Deferred credits	533,923	—	110,468	—	—	2,176,862	2,821,253
Reserves	507,306	—	74,813	—	220,045	6,468,266	7,270,430
Capital stock	10,000,000	345,750	15,000	105,701	142,058	5,000,000	15,608,509
Surplus	1,030,807	46,955	1,288,352	1,048,831	303,194	4,710,799	8,428,938
Total	21,347,391	1,390,913	5,372,664	1,882,169	2,948,037	61,792,215	94,733,389

1. Includes overseas services.

TABLE 3. General Balance Sheet of Canadian Non-scheduled Air Carriers, 1955

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total non-scheduled
	\$	\$	\$	\$
Assets:				
Current assets	10,120,545	671,677	675,796	11,468,018
Fixed assets (less depreciation)	10,105,261	947,807	946,690	11,999,758
Other assets	4,151,880	169,251	168,186	4,489,317
Total	24,377,686	1,788,735	1,790,672	27,957,093
Liabilities:				
Current liabilities	10,180,898	809,538	809,451	11,799,887
Other liabilities	6,508,662	439,986	271,933	7,220,581
Incorporated companies:				
Capital stock	3,596,236	791,975	487,636	4,875,847
Surplus	2,717,524	Dr. 382,039	Dr. 32,220	2,303,265
Non-incorporated businesses — net worth	1,374,366	129,275	253,872	1,757,513
Total	24,377,686	1,788,735	1,790,672	27,957,093

TABLE 4. Property Account of Selected Canadian Air Carriers as at End of 1955

	Canadian Pacific Air Lines ¹	Central Northern Airways	Maritime Central Airways	Queen Charlotte Airlines	Quebecair Inc.	Trans- Canada Air Lines ¹	Total scheduled Air Lines	Class "B" carriers	Grand total
	\$	\$	\$	\$	\$	\$	\$	\$	\$
Property and equipment:									
Aircraft	6,159,097	566,759	1,241,810	933,216	1,590,334	20,175,898	30,667,114	5,600,300	36,267,414
Aircraft engines	2,308,510	156,829	455,486	105,919	167,374	5,952,136	9,146,254	1,252,040	10,398,294
Motor vehicles and floating equipment ..	24,236	3,603	21,994	33,189	21,086	819,472	923,580	254,918	1,178,498
Aircraft communication equipment	2	18,760	28,957	15,445	9,255	535,355	607,772	—	607,772
Communication equipment (ground)	2,126	2,687	9,981	11,597	9,712	71,269	107,372	—	107,372
Miscellaneous flying equipment	356,553	996	—	—	2,727	—	360,276	324,938	685,214
Shop and hangar equipment	254,652	7,541	46,303	40,532	38,337	1,598,417	1,985,782	206,272	2,192,054
Fuel storage and distribution equipment	—	—	86	—	—	—	86	—	86
Furniture, fixtures and office equipment	43,906	4,380	20,952	42,483	15,764	1,174,095	1,301,580	114,125	1,415,705
Airport lighting equipment	—	—	—	—	—	—	—	—	—
Miscellaneous ground equipment	10,637	—	2,971	18,507	6,178	431,668	469,961	192,466	662,427
Buildings	288,908	40,985	334,307	37,227	419,512	5,948,701	7,069,640	1,194,005	8,263,645
Appraisal increase	—	—	—	210,655	—	—	210,655	691,185	901,840
Total net value	9,448,625	802,540	2,162,847	1,448,770	2,280,279	36,707,011	52,850,072	9,830,249	62,680,321
Additions, retirements, depreciation:									
Cost value of assets:									
At beginning of year	16,260,737	664,579	1,586,436	641,717	818,405	54,406,170	74,378,044	11,839,488	86,217,532
Additions during year	1,927,162	957,529	3,279,340	1,076,722	2,550,049	15,748,135	25,538,937	8,933,723	34,472,660
Retirements during year	1,588,477	9,068	523,515	177,642	232,976	1,933,330	4,465,008	3,207,350	7,672,358
At end of year	16,599,422	1,613,040	4,342,261	1,540,797	3,135,478	68,220,975	95,451,973	17,565,861	113,017,834
Accrued depreciation:									
At beginning of year	6,287,440	363,052	1,125,710	110,080	497,732	28,066,083	36,450,097	6,496,967	42,947,064
Decreases	805,958	50,322	149,517	110,080	48,923	1,082,345	2,247,145	1,511,053	3,758,198
Provision for depreciation — current year	1,669,315	497,770	1,203,221	92,027	406,390	4,530,226	8,398,949	2,749,698	11,148,647
At end of year	7,150,797	810,500	2,179,414	92,027	855,199	31,513,964	42,601,901	7,735,612	50,337,513
Total net value	9,448,625	802,540	2,162,847	1,448,770	2,280,279	36,707,011	52,850,072	9,830,249	62,680,321

1. Includes overseas services.

2. C.P.A. aircraft communication equipment data included in aircraft account.

TABLE 5. Statement of Earned Surplus of Selected Canadian Air Carriers, 1955

	Canadian Pacific Air Lines ¹	Central Northern Airways	Maritime Central Airways	Queen Charlotte Airlines	Quebecair Inc.	Trans- Canada Air Lines ¹	Total scheduled Air Lines	Class "B" carriers	Grand total
	\$	\$	\$	\$	\$	\$	\$	\$	\$
Credit balance at beginning of year.....	756,087	42,611	471,990	26,693	34,180	3,819,119	5,150,680	546,281	5,696,961
Additions:									
Net income for the year	274,720	58,109	674,272	487,125	557,640	190,095	2,241,961	1,737,842	3,979,803
Miscellaneous credits.....	—	—	141,990	167,911	1,146	701,585	1,012,632	538,090	1,550,722
Total additions	274,720	58,109	816,262	655,036	558,786	891,680	3,254,593	2,275,932	5,530,525
Deductions:									
Deficit for the year.....	—	—	—	—	—	—	—	33,672	33,672
Miscellaneous debits	—	35,265	117,500	276,833	278,473	—	708,071	198,771	906,842
Dividends.....	—	28,500	90,000	—	11,299	—	129,799	103,710	233,509
Deductions from net worth	—	—	—	—	—	—	—	—	—
Total deductions	—	63,765	207,500	276,833	289,772	—	837,870	336,153	1,174,023
Credit balance at end of year	1,030,807	36,955	1,080,752	404,896	303,194	4,710,799	7,567,403	2,486,060	10,053,463

1. Includes overseas services.

TABLE 6. Operating Statistics of Canadian and Foreign Air Carriers, 1955

	Canadian carriers					Foreign carriers		Grand total all services
	Domestic services		Trans-border services	Atlantic and Pacific services	Total	Trans-border services	Atlantic and Pacific services	
	Scheduled	Non-scheduled						
Miles flown:								
Revenue:								
Unit toll transportation.....	34,042,757	2,341,430	5,541,695	6,667,469	48,593,351	2,002,571	878,653	51,474,575
Bulk transportation	8,339,721	23,541,826	4,734	380,199	32,266,480	3,285	60,964	32,330,729
Total revenue miles flown	42,382,478	25,883,256	5,546,429	7,047,668	80,859,831	2,005,856	939,617	83,805,304
Hours flown:								
Revenue:								
Unit toll transportation.....	189,113	19,468	27,119	25,724	261,424	10,798	3,567	275,789
Bulk transportation	53,251	200,125	26	1,478	254,880	16	239	255,135
Other flying services	502	74,487	—	—	74,989	—	—	74,989
Total revenue	242,866	294,080	27,145	27,202	591,293	10,814	3,806	605,913
Non-revenue	13,917	15,954	393	984	31,248	37	21	31,306
Total hours flown	256,783	310,034	27,538	28,186	622,541	10,851	3,827	637,219
Fuel consumed:								
Gasoline gals.	44,370,171	10,725,816	2	10,326,784	65,422,771	5,659,473 ³	6,856,674 ³	77,938,918
Cost..... \$	13,993,798	4,842,834	2	3,167,612	22,004,244	1,720,889	1,345,299	25,070,432
Oil gals.	561,428	184,641	2	156,376	902,445	46,365 ³	57,344 ³	1,006,154
Cost..... \$	530,509	230,159	2	135,999	896,667	36,537	26,950	960,154
Average number of employees	10,086	2,154	2	1,031	13,271	244	268	13,783
Salaries and wages \$	42,192,933	8,806,057	2	4,521,909	55,520,899	1,052,504	1,092,007	57,665,410
Average number of aircraft:								
Owned	174	515	2	10	699	Not applicable	Not applicable	699
Leased	6	63	2	—	69			69
Total	180	578	2	10	768			768
Ratio of miles flown to miles scheduled ¹	96.3	Not applicable	95.2	97.0	96.2	98.1	97.4	96.3
Revenue passenger load factor — scheduled	66.2		75.3	57.4	65.5	32.0	38.2	63.1

1. Includes miles flown on regular scheduled flights only.

2. Included in scheduled domestic services.

3. Gasoline and oil taken on in Canada.

TABLE 7. Transportation Statistics of Canadian and Foreign Air Carriers, 1955

	Canadian carriers					Foreign carriers		Grand total all services
	Domestic services		Trans-border services	Atlantic and Pacific services	Total	Trans-border services	Atlantic and Pacific services	
	Scheduled	Non-scheduled						
Passengers carried:								
Revenue:								
Unit toll transportation	1,736,949	60,293	429,682	84,191	2,311,115	486,080	41,072	2,838,267
Bulk transportation	58,025	344,222	670	3,305	406,222	604	4,006	410,832
Total revenue	1,794,974	404,515	430,352 ¹	87,496	2,717,337	486,684	45,078	3,249,099
Non-revenue	27,771	10,585	3,817	3,234	45,407	6,916	1,753	54,076
Total passengers carried	1,822,745	415,100	434,169	90,730	2,762,744	493,600	46,831	3,303,175
Passenger miles — Unit toll transportation:								
Revenue.....	785,468,412	9,328,647	144,263,496	236,283,174	1,175,343,729	28,634,087	19,847,632	1,223,825,448
Non-revenue	40,658,948	59,587	2,822,635	12,262,007	55,803,177	992,895	681,917	57,477,989
Total passenger miles	826,127,360	9,388,234	147,086,131	248,545,181	1,231,146,906	29,626,982	20,529,549	1,281,303,437
Goods carried (lbs.):								
Revenue:								
Unit toll transportation	32,753,631	2,849,182	11,314,792	2,588,416	49,506,021	6,957,904	1,307,421	57,771,346
Bulk transportation	60,983,179	114,803,548	1,899	—	175,788,626	135	1,723	175,790,484
Total revenue	93,736,810	117,652,730	11,316,691 ²	2,588,416	225,294,647	6,958,039	1,309,144	233,561,830
Non-revenue	5,649,704	364,080	121,441	415,135	6,550,360	359,081	212,391	7,121,832
Total goods carried	99,386,514	118,016,810	11,438,132	3,003,551	231,845,007	7,317,120	1,521,535	240,683,662
Goods ton miles — Unit toll transportation:								
Revenue.....	10,461,093	610,451	2,014,681	4,409,813	17,496,038	310,279	277,852	18,084,169
Non-revenue	2,432,446	2,750	20,902	880,666	3,336,764	94,739	45,691	3,477,194
Total goods ton miles	12,893,539	613,201	2,035,583	5,290,479	20,833,802	405,018	323,543	21,561,363
Mail carried (lbs.) — Unit toll transportation	21,641,124	1,027,636	746,199	852,478	24,267,437	1,774,463	574,605	26,616,505
Mail ton miles—Unit toll transportation	7,210,005	83,246	141,179	1,503,005	8,937,435	50,817	60,358	9,048,610

1. Includes 36,705 division interline passengers.

2. Includes 377,876 lbs. division interline goods.

TABLE 8. Revenues and Expenses of Canadian Air Carriers, 1955¹

	Canadian carriers		
	Scheduled ²	Non-scheduled	Total
	\$	\$	\$
Operating revenues:			
Unit toll transportation:			
Passengers	76,458,489	1,139,630	77,598,119
Mail	10,588,778	315,951	10,904,729
Goods	7,608,531	343,139	7,951,670
Excess baggage	846,281	17,213	863,494
Total unit toll transportation	95,502,079	1,815,933	97,318,012
Bulk transportation	16,914,342	27,628,916	44,543,258
Other flying services	50,500	6,671,532	6,722,032
Total flying services	112,466,921	36,116,381	148,583,302
Non-flying services	2,174,829	1,980,887	4,155,716
Total operating revenues	114,641,750	38,097,268	152,739,018
Operating expenses:			
Aircraft operation and maintenance	61,834,780	28,669,824	90,504,604
Ground operation and maintenance	29,228,710	3,680,506	32,909,216
Traffic	13,194,618	703,634	13,898,252
General administration	6,140,608	2,583,196	8,723,804
General taxes	564,346	54,592	618,938
Total operating expenses	110,963,062	35,691,752	146,654,814
Operating income (or loss)	3,678,688	2,405,516	6,084,204
Add non-operating income	859,379	415,035	1,274,414
Gross income	4,538,067	2,820,551	7,358,618
Deduct interest and other income charges	1,293,692	242,067	1,535,759
Net income before income taxes	3,244,375	2,578,484	5,822,859
Deduct provision for income taxes	1,002,414	687,693	1,690,107
Net income (or deficit) after income taxes	2,241,961	1,890,791	4,132,752
Operating ratio	96.8	93.7	96.0

1. Revenues and expenses for foreign carriers not available.

2. Includes Canadian Trans-border, Atlantic and Pacific services.

TABLE 9. Operating Statistics of Domestic Services of Canadian Scheduled Air Carriers, 1955.

	Canadian Pacific Air Lines	Central Northern Airways	Maritime Central Airways	Queen Charlotte Airlines	Quebecair Inc.	Trans- Canada Air Lines	Total
Miles scheduled.....	5,795,491	106,984	545,656	417,481	449,020 ³	24,620,767	31,935,399
Miles flown:							
Revenue:							
Unit toll transportation.....	6,557,934	452,291	584,772	925,608	449,020	25,073,132	34,042,757
Bulk transportation.....	1,336,867	1,362,797	3,310,339	1,303,744	919,298	106,676	8,339,721
Total revenue.....	7,894,801	1,815,088	3,895,111	2,229,352	1,368,318	25,179,808	42,382,478
Non-revenue.....	351,732	80,932	241,666	45,575	47,916	1,567,885	2,335,706
Total miles flown.....	8,246,533	1,896,020	4,136,777	2,274,927	1,416,234	26,747,693	44,718,184
Hours flown:							
Revenue:							
Unit toll transportation.....	43,124	4,039	4,143	7,853	3,742	126,212	189,113
Bulk transportation.....	8,322	9,556	19,047	9,593	6,164	569	53,251
Other flying services.....	—	—	500	—	—	2	502
Total revenue.....	51,446	13,595	23,690	17,446	9,906	126,783	242,866
Non-revenue.....	2,239	673	1,784	482	498	8,241	13,917
Total hours flown.....	53,685	14,268	25,474	17,928	10,404	135,024	256,783
Fuel consumed:							
Gasoline..... gals.	5,558,398	720,710	3,806,582	492,108	815,111	32,977,262 ²	44,370,171
Cost..... \$	2,557,052	416,132	1,393,373	177,165	367,501	9,082,575 ²	13,993,798
Oil..... gals.	92,153	8,868	40,885	7,712	13,053	398,757 ²	561,428
Cost..... \$	95,705	9,702	34,134	7,770	12,433	370,765 ²	530,509
Average number of employees.....	1,212	98	363	149	180	8,084 ²	10,086
Salaries and wages..... \$	5,257,702	439,942	1,776,690	720,027	484,445	33,514,127 ²	42,192,933
Average number of aircraft:							
Owned.....	33	27	26	14	11	63 ²	174
Leased.....	—	1	—	5	—	—	6
Total.....	33	28	26	19	11	63 ²	180
Ratio of miles flown to miles scheduled ¹	97.2	73.3	86.7	94.4	100.0	96.3	96.3
Revenue passenger load factor — scheduled.....	54.0	4	36.8	51.4	42.8	69.2	66.2

1. Includes miles flown on regular scheduled flights only.

2. Includes Trans-border services.

3. Estimated.

4. Not available.

TABLE 10. Operating Statistics of Domestic Services of Non-scheduled Canadian Air Carriers, 1955

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total
Miles scheduled.....	Not applicable			
Miles flown:				
Revenue:				
Unit toll transportation.....	2,024,397	264,323	52,710	2,341,430
Bulk transportation.....	18,841,807	2,975,271	1,724,748	23,541,826
Total revenue.....	20,866,204	3,239,594	1,777,458	25,883,256
Non-revenue.....	1	1	1	1
Total miles flown.....	1	1	1	1
Hours flown:				
Revenue:				
Unit toll transportation.....	16,647	2,317	504	19,468
Bulk transportation.....	154,582	31,465	14,078	200,125
Other flying services.....	53,136	10,015	11,336	74,487
Total revenue.....	224,365	43,797	25,918	294,080
Non-revenue.....	10,380	2,712	2,862	15,954
Total hours flown.....	234,745	46,509	28,780	310,034
Fuel consumed:				
Gasoline..... gals.	9,218,192	745,814	761,810	10,725,816
Cost..... \$	4,201,502	339,988	301,344	4,842,834
Oil..... gals.	158,503	11,091	15,047	184,641
Cost..... \$	196,564	16,036	17,559	230,159
Average number of employees.....	1,782	231	141	2,154
Salaries and wages..... \$	7,646,822	769,186	390,049	8,806,057
Average number of aircraft:				
Owned.....	310	118	87	515
Leased.....	44	8	11	63
Total.....	354	126	98	578
Ratio of miles flown to miles scheduled.....	Not applicable			
Revenue passenger load factor — scheduled.....	Not applicable			

1. Not available.

TABLE 11. Operating Statistics of Atlantic and Pacific Services of Scheduled Canadian Air Carriers, 1955

	T. C. A. Atlantic Services	C. P. A. Pacific services	Total
Miles scheduled	3, 690, 358	3, 072, 864	6, 763, 222
Miles flown:			
Revenue:			
Unit toll transportation	3, 713, 529	2, 953, 940	6, 667, 469
Bulk transportation	41, 265	338, 934	380, 199
Total revenue	3, 754, 794	3, 292, 874	7, 047, 668
Non-revenue	124, 395	123, 886	248, 281
Total miles flown	3, 879, 189	3, 416, 760	7, 295, 949
Hours flown:			
Revenue:			
Unit toll transportation	14, 615	11, 109	25, 724
Bulk transportation	146	1, 332	1, 478
Other flying services	—	—	—
Total revenue	14, 761	12, 441	27, 202
Non-revenue	503	481	984
Total hours flown	15, 264	12, 922	28, 186
Fuel consumed:			
Gasoline	gals. 5, 870, 498	4, 456, 286	10, 326, 784
Cost	\$ 1, 704, 174	1, 463, 438	3, 167, 612
Oil	gals. 104, 867	51, 509	156, 376
Cost	\$ 82, 020	53, 979	135, 999
Average number of employees	627	404	1, 031
Salaries and wages	\$ 2, 529, 240	1, 992, 669	4, 521, 909
Average number of aircraft:			
Owned	6	4	10
Leased	—	—	—
Total	6	4	10
Ratio of miles flown to miles scheduled ¹	98.0	96.1	97.0
Revenue passenger load factor — scheduled	73.1	44.8	57.4

1. Includes miles flown on regular scheduled flights only.

TABLE 12. Transportation Statistics of Domestic Services of Canadian Scheduled Air Carriers, 1955

	Canadian Pacific Air Lines	Central Northern Airways	Maritime Central Airways	Queen Charlotte Airlines	Quebecair Inc.	Trans- Canada Air Lines	Total
Passengers Carried:							
Revenue:							
Scheduled:							
Originated	215, 910	1, 907	26, 392	40, 881	111, 276	1, 130, 653	1, 527, 019
Domestic interline	22, 207	—	3, 111	—	—	15, 964	41, 282
Foreign interline	12, 345	—	—	—	—	87, 790	100, 135
Division interline	—	—	—	—	—	40, 033	40, 033
Non-scheduled	3, 549	6, 049	1, 459	17, 423	—	—	28, 480
Total unit toll transportation	254, 011	7, 956	30, 962	58, 304	111, 276	1, 274, 440	1, 736, 949
Bulk transportation	566	5, 780	18, 488	9, 446	15, 035	8, 710	58, 025
Total revenue	254, 577	13, 736	49, 450	67, 750	126, 311	1, 283, 150	1, 794, 974
Non-revenue	4, 044	110	1, 713	1, 547	200	20, 157	27, 771
Total passengers carried	258, 621	13, 846	51, 163	69, 297	126, 511	1, 303, 307	1, 822, 745
Passenger miles — Unit toll transportation:							
Revenue	97, 492, 596	1, 136, 856	5, 318, 820	7, 689, 843	4, 863, 849	668, 966, 448	785, 468, 412
Non-revenue	2, 837, 569	14, 827	148, 532	178, 855	25, 871	37, 453, 294	40, 658, 948
Total passenger miles	100, 330, 165	1, 151, 683	5, 467, 352	7, 868, 698	4, 889, 720	706, 419, 742	826, 127, 360
Goods carried (lbs):							
Revenue:							
Scheduled:							
Originated	10, 292, 638	31, 362	500, 834	304, 418	2, 825, 056	14, 589, 972	28, 544, 280
Domestic interline	34, 608	—	64, 980	—	—	11, 894	111, 482
Foreign interline	24, 048	—	—	—	—	37, 974	62, 022
Division interline	39	—	—	—	—	2, 631, 227	2, 631, 266
Non-scheduled	49, 733	1, 095, 209	70, 439	189, 200	—	—	1, 404, 581
Total unit toll transportation	10, 401, 066	1, 126, 571	636, 253	493, 618	2, 825, 056	17, 271, 067	32, 753, 631
Bulk transportation	13, 070, 884	13, 200, 711	20, 397, 357	8, 755, 346	5, 412, 962	145, 919	60, 983, 179
Total revenue	23, 471, 950	14, 327, 282	21, 033, 610	9, 248, 964	8, 238, 018	17, 416, 986	93, 736, 810
Non-revenue	880, 564	709, 008	238, 973	24, 659	—	3, 796, 500	5, 649, 704
Total goods carried	24, 352, 514	15, 036, 290	21, 272, 583	9, 273, 623	8, 238, 018	21, 213, 486	99, 386, 514

TABLE 12. Transportation Statistics of Domestic Services of Canadian Scheduled Air Carriers, 1955 — Concluded

	Canadian Pacific Air Lines	Central Northern Airways	Maritime Central Airways	Queen Charlotte Airlines	Quebecair Inc.	Trans- Canada Air Lines	Total
Goods ton miles — Unit toll transportation:							
Revenue	2,372,203	63,026	142,447	47,817	74,703	7,760,897	10,461,093
Non-revenue	299,243	2,356	—	2,484	—	2,128,363	2,432,446
Total goods ton miles	2,671,446	65,382	142,447	50,301	74,703	9,889,260	12,893,539
Mail carried (lbs) — Unit toll transportation	2,962,765	362,440	826,239	151,105	981,215	16,357,360	21,641,124
Mail ton miles — Unit toll transportation	663,193	25,299	78,319	12,997	22,718	6,407,479	7,210,005
Available seat miles — Scheduled	172,985,606	1	12,571,426	10,393,591	11,375,548	966,492,376	1,173,818,547
Available ton miles — Scheduled	20,838,278	1	1,263,465	1,151,187	1,224,671	142,190,110	166,667,711

1. Not available.

TABLE 13. Transportation Statistics of Domestic Services of Canadian Non-scheduled Air Carriers, 1955

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total
Passengers carried:				
Revenue:				
Scheduled:				
Originated			Not	
Domestic interline			applicable	
Foreign interline				
Division interline				
Non-scheduled	47,884	10,215	2,194	60,293
Total unit toll transportation	47,884	10,215	2,194	60,293
Bulk transportation	257,808	69,299	17,115	344,222
Total revenue	305,692	79,514	19,309	404,515
Non-revenue	3,812	6,479	294	10,585
Total passengers carried	309,504	85,993	19,603	415,100
Passenger miles — Unit toll transportation:				
Revenue	8,481,261	711,419	135,967	9,328,647
Non-revenue	49,306	8,093	2,188	59,587
Total passenger miles	8,530,567	719,512	138,155	9,388,234
Goods carried (lbs):				
Revenue:				
Scheduled:				
Originated			Not	
Domestic interline			applicable	
Foreign interline				
Division interline				
Non-scheduled	2,637,140	204,228	7,814	2,849,182
Total unit toll transportation	2,637,140	204,228	7,814	2,849,182
Bulk transportation	100,602,861	8,636,498	5,564,189	114,803,548
Total revenue	103,240,001	8,840,726	5,572,003	117,652,730
Non-revenue	274,343	74,137	15,600	364,080
Total goods carried	103,514,344	8,914,863	5,587,603	118,016,810
Goods ton miles — Unit toll transportation:				
Revenue	595,840	11,125	3,486	610,451
Non-revenue	2,750	—	—	2,750
Total goods ton miles	598,590	11,125	3,486	613,201
Mail carried (lbs) — Unit toll transportation	946,101	64,594	16,941	1,027,636
Mail ton miles — Unit toll transportation	78,474	4,115	657	83,246
Available seat miles — Scheduled				
Available ton miles — Scheduled			Not applicable	

TABLE 14. Transportation Statistics of Atlantic and Pacific Services of Canadian Scheduled Air Carriers, 1955

	T. C. A. Atlantic Services	C. P. A. Pacific Services	Total
Passengers carried:			
Revenue:			
Scheduled:			
Originated	65,028	14,862	79,890
Domestic interline	—	1,323	1,323
Foreign interline	—	2,862	2,862
Division interline	116	—	116
Non-scheduled	—	—	—
Total unit toll transportation	65,144	19,047	84,191
Bulk transportation	728	2,577	3,305
Total revenue	65,872	21,624	87,496
Non-revenue	2,549	685	3,234
Total passengers carried	68,421	22,309	90,730
Passenger miles — Unit toll transportation:			
Revenue	150,545,553	85,737,621	236,283,174
Non-revenue	9,562,923	2,699,084	12,262,007
Total passenger miles	160,108,476	88,436,705	248,545,181
Goods carried (lbs.):			
Revenue:			
Scheduled:			
Originated	2,150,423	258,649	2,409,072
Domestic interline	—	59,909	59,909
Foreign interline	—	113,003	113,003
Division interline	5,283	1,149	6,432
Non-scheduled	—	—	—
Total unit toll transportation	2,155,706	432,710	2,588,416
Bulk transportation	—	—	—
Total revenue	2,155,706	432,710	2,588,416
Non-revenue	335,365	79,770	415,135
Total goods carried	2,491,071	512,480	3,003,551
Goods ton miles — Unit toll transportation:			
Revenue	2,971,543	1,438,270	4,409,813
Non-revenue	434,760	445,906	880,666
Total goods ton miles	3,406,303	1,884,176	5,290,479
Mail carried (lbs.) — Unit toll transportation	717,115	135,363	852,478
Mail ton miles — Unit toll transportation	1,155,486	347,519	1,503,005
Available seat miles — Scheduled	217,257,045	191,570,602	408,827,647
Available ton miles — Scheduled	31,666,208	19,197,422	50,863,630

TABLE 15. Revenues and Expenses of Canadian Scheduled Air Carriers, 1955

	Canadian Pacific Air Lines ¹	Central Northern Airways	Maritime Central Airways	Queen Charlotte Airlines	Quebecair Inc.	Trans- Canada Air Lines ²	Total
	\$	\$	\$	\$	\$	\$	\$
Operating revenues:							
Unit toll transportation:							
Passengers	13,031,166	166,136	521,791	962,411	671,742	61,105,243	76,458,489
Mail	1,894,916	72,914	192,226	76,721	54,396	8,297,605	10,588,778
Goods	1,860,512	88,352	78,949	53,859	90,057	5,436,802	7,608,531
Excess baggage	214,229	3,437	13,942	15,038	20,527	579,108	846,281
Total unit toll transportation	17,000,823	330,839	806,908	1,108,029	836,722	75,418,758	95,502,079
Bulk transportation	3,537,782	2,197,179	5,893,598	3,055,567	1,896,409	333,807	16,914,342
Other flying services	—	—	50,250	—	—	250	50,500
Total flying services	20,538,605	2,528,018	6,750,756	4,163,596	2,733,131	75,752,815	112,466,921
Non-flying services	153,710	19,235	301,760	20,459	4,226	1,675,439	2,174,829
Total operating revenues	20,692,315	2,547,253	7,052,516	4,184,055	2,737,357	77,428,254	114,641,750

1. C. P. A. consolidated financial statement, includes: Domestic and Pacific services.

2. T. C. A. consolidated financial statement, includes: Domestic, Trans-border and Atlantic services.

TABLE 15. Revenues and Expenses of Canadian Scheduled Air Carriers, 1955 - Concluded

	Canadian Pacific Air Lines ¹	Central Northern Airways	Maritime Central, Airways	Queen Charlotte Airlines	Quebecair Inc.	Trans- Canada Air Lines ²	Total
	\$	\$	\$	\$	\$	\$	\$
Operating expenses:							
Aircraft operation and maintenance	12,773,296	2,124,500	4,482,113	3,041,145	1,451,721	37,962,005	61,834,780
Ground operation and maintenance	4,129,816	173,697	740,953	170,676	384,679	23,628,889	29,228,710
Traffic	1,839,449	16,117	43,746	149,781	91,560	11,053,965	13,194,618
General administration	1,437,070	131,980	391,416	315,440	171,306	3,693,396	6,140,608
General taxes	104,760	5,648	10,239	5,249	5,783	432,667	564,346
Total operating expenses	20,284,391	2,451,942	5,668,467	3,682,291	2,105,049	76,770,922	110,963,062
Operating income (or loss)	407,924	95,311	1,384,049	501,764	632,308	657,332	3,678,688
Add non-operating income	354,048	7,352	1,849	—	—	496,130	859,379
Gross income	761,972	102,663	1,385,898	501,764	632,308	1,153,462	4,538,067
Deduct interest and other income charges	267,286	—	42,514	14,639	5,886	963,367	1,293,692
Net income before income taxes	494,686	102,663	1,343,384	487,125	626,422	190,095	3,244,375
Deduct provision for income taxes	219,966	44,554	669,112	—	68,782	—	1,002,414
Net income (or deficit) after income taxes	274,720	58,109	674,272	487,125	557,640	190,095	2,241,961
Operating ratio	98.0	96.3	80.4	88.0	76.9	99.2	96.8

1. C. P. A. consolidated financial statement, includes: Domestic and Pacific services.

2. T. C. A. consolidated financial statement, includes: Domestic, Trans-border and Atlantic services.

TABLE 16. Revenues and Expenses of Domestic Services of Canadian Non-scheduled Air Carriers, 1955

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total
	\$	\$	\$	\$
Operating revenues:				
Unit toll transportation:				
Passengers	1,020,033	96,037	23,560	1,139,630
Mail	296,651	14,971	4,329	315,951
Goods	328,925	12,992	1,222	343,139
Excess baggage	16,468	745	—	17,213
Total unit toll transportation	1,662,077	124,745	29,111	1,815,933
Bulk transportation	23,711,505	1,658,852	2,258,559	27,628,916
Other flying services	5,856,039	495,475	320,018	6,671,532
Total flying services	31,229,621	2,279,072	2,607,688	36,116,381
Non-flying services	1,743,289	161,009	76,589	1,980,887
Total operating revenues	32,972,910	2,440,081	2,684,277	38,097,268
Operating expenses:				
Aircraft operation and maintenance	24,959,501	1,668,784	2,041,539	28,669,824
Ground operation and maintenance	2,955,043	441,524	283,939	3,680,506
Traffic	641,140	42,029	20,465	703,634
General administration	2,052,141	303,134	227,921	2,583,196
General taxes	43,768	7,047	3,777	54,592
Total operating expenses	30,651,593	2,462,518	2,577,641	35,691,752
Operating income (or loss)	2,321,317	Dr. 22,437	106,636	2,405,516
Add non-operating income	364,158	32,865	18,012	415,035
Gross income	2,685,475	10,428	124,648	2,820,551
Deduct interest and other income charges	202,114	24,462	15,491	242,067
Net income before income taxes	2,483,361	Dr. 14,034	109,157	2,578,484
Deduct provision for income taxes	667,656	10,304	9,733	687,693
Net income (or deficit) after income taxes	1,815,705	Dr. 24,338	99,424	1,890,791
Operating ratio	93.0	100.9	96.0	93.7

TABLE 17. Employees, Salaries and Wages of Canadian and Foreign Air Carriers, 1955

Canadian carriers	Employees	Salaries and wages \$	Companies	Employees	Salaries and wages \$
General officers	889	5,952,504	Canadian Pacific Air Lines ¹	1,616	7,250,371
Clerks and stenographers	1,654	4,610,468	Central Northern Airways	98	439,942
Pilots	987	7,992,761	Maritime Central Airways	363	1,776,690
Co-pilots	481	2,741,494	Queen Charlotte Airlines	149	720,027
Despatchers	168	778,691	Quebecair Inc.	180	484,445
Communication operators	859	2,661,093	Trans-Canada Air Lines ¹	8,711	36,043,367
Stewards or other attendants	518	1,742,246	Total Scheduled	11,117	46,714,842
Air engineers	809	3,784,779	Class "B" carriers	1,782	7,646,822
Mechanics	2,919	11,627,842	Class "C" carriers	231	769,186
Airport employees	1,960	6,512,577	Class "D" carriers	141	390,049
Stores employees	346	1,141,535	Total Canadian	13,271	55,520,899
Other employees	1,681	5,974,909	Foreign carriers:		
Total	13,271	55,520,899	Trans-border services	244	1,052,504
			Atlantic and Pacific services	268	1,092,007
			Total carriers	13,783	57,665,410

1. Includes Overseas Services.

TABLE 18. Accidents Involving Canadian Air Carriers, 1951-1955¹

	1955	1954	1953	1952	1951		1955	1954	1953	1952	1951
Casualties:						Number of aircraft accidents	264	201	174	169	137
Pilot:						Type of flying:					
Fatal	34	18	25	28	23	Instructional	7	2	1	2	1
Serious	12	7	6	13	9	Practice	5	1	3	4	3
Minor	11	5	—	18	17	Private	146	108	86	87	67
Crew:						Scheduled	1	4	7	2	4
Fatal	5	2	6	3	9	Non-scheduled	98	76	71	67	59
Serious	3	3	2	1	1	State	2	1	1	—	—
Minor	1	1	—	1	—	Other (including ferry, test, etc.) ...	5	9	5	7	3
Passengers:						Probable cause (per cent):					
Fatal	24	47	43	26	77	Personnel	52.3	52.3	50.0	51.5	56.2
Serious	15	17	11	13	7	Material failure	19.4	20.9	20.7	14.8	16.1
Minor	7	17	10	24	22	Weather	7.6	7.9	5.2	8.9	6.5
Other:						Aerodrome terrain or water	11.7	12.9	12.6	11.2	5.9
Fatal	—	3	—	—	—	Miscellaneous	1.5	2.0	4.0	4.1	2.9
Serious	1	—	2	1	1	Undetermined	7.5	4.0	7.5	9.5	12.4
Minor	—	—	1	—	—						
Operational phase:											
Starting	3	1	7	3	4						
Taxing	29	28	6	11	7						
Take-off	56	37	37	38	27						
Flight	41	31	42	39	39						
Landing	130	101	81	74	58						
Other	5	3	1	4	2						

1. As reported by Civil Aviation Division, Department of Transport.

TABLE 19. Personnel and Airport Licences Issued and Aircraft Registered as of December 31, 1955¹

Personnel	In force December 31, 1955	In force December 31, 1954	Aircraft registered	Total December 31, 1955	Total December 31, 1954
Pilots:			Commercial	1,540	1,369
Glider	201	159	Private	1,466	1,287
Private	5,559	4,980	State	142	144
Commercial (old type)	—	—	Grand total	3,148	2,800
Commercial	1,754	1,499	Airports		
Senior commercial	312	323			
Transport	—	—			
Airline transport	717	612			
Air navigators	56	54		In force December 31, 1955	In force December 31, 1954
Air traffic controllers	270	234			
Flight engineers	20	25			
Aircraft maintenance engineers	1,544	1,388		495	470

1. As reported by Civil Aviation Division, Department of Transport.

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CIVIL AVIATION
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CIVIL AVIATION

1956

The Canadian air transport industry registered further impressive advances in 1956 but at rates generally below those prevailing in 1955. Operating income for all carriers rose to a record-breaking \$7,586,870, surpassing the previous high of \$6,990,586 in 1951 as well as last year's total of \$6,084,204. This year's gain of 24.7 p.c. was associated with fairly consistent increases in all categories of revenue whereas the previous year's rise of close to 200 p.c. was due mainly to rapid expansion in bulk transportation services, largely in connection with defence projects in the Canadian northland. A further interesting feature of this year's increase was the substantial improvement in operating income of scheduled as opposed to non-scheduled airlines. Operating income of scheduled airlines rose to \$5,611,928 from \$3,678,688 while for non-scheduled airlines it dropped to \$1,974,942 from \$2,405,516.

Total operating revenue for all Canadian carriers established a new record in 1956, at \$182,168,850 some 19.3 p.c. above the previous high of \$152,739,018 recorded in 1955. Revenue from passenger fares continued to be the principal source of income advancing to \$96,180,546 from \$77,598,119, an increase of \$18,582,427 or 23.9 p.c. Mail receipts rose to \$11,532,851 from \$10,904,729, earnings from goods carried in unit toll service to \$9,145,688 from \$7,951,670 and excess baggage charges to \$1,150,999 from \$863,494. As a result, total revenues in unit toll service rose 21.3 p.c. to \$118,010,084 from \$97,318,012. Revenue from both passengers and freight in bulk or chartered service amounted to \$53,435,589 compared with \$44,543,258 in 1955, an increase of 20 p.c. Other flying services produced revenues of \$7,124,088 as against \$6,722,032 and non-flying services, \$3,599,089 versus \$4,155,716.

Operating expenses were also substantially higher in 1956 amounting in total to \$174,581,980 as compared with \$146,654,814 in 1955, an increase of \$27,927,166 or 19.0 p.c. Aircraft operation and maintenance costs rose to \$108,268,728 from \$90,504,604, ground operation and maintenance costs to \$39,014,039 from \$32,909,216, traffic expenses to \$16,149,865 from \$13,898,252 and general taxes to \$772,015 from \$618,938.

A total of 3,320,705 revenue passengers were carried during 1956 as compared with 2,717,337 in the previous year, an increase of 603,368 or 22.2 p.c. Revenue unit toll passengers numbered 2,796,841 compared with 2,311,115 while revenue unit toll passenger miles increased by 26.0 p.c. to 1,480,639,773 from 1,175,343,729. An additional 523,864 persons were flown in bulk or charter service as compared with 406,222 during 1955.

Revenue goods transported by air aggregated 310,003,135 lb. of which 63,117,432 lb. were carried in unit toll services and 246,885,703 lb. in bulk or charter service. Goods carried in unit toll services consisted of 43,781,833 lb. of freight, 14,594,643 lb. of express and 4,740,956 lb. of excess baggage; freight was the only type of cargo flown in charter service. A new all-time high was established for the volume of mail transported which at 25,570,279 lb. exceeded last year's record of 24,267,437 lb. by 5.4 p.c.

Transportation statistics for all services include foreign carriers in both trans-border and Atlantic and Pacific services. During 1956 these carriers transported 553,572 passengers, 9,942,801 lb. of freight and 2,344,007 lb. of mail. Comparable figures for the previous year are 540,431 passengers, 8,838,655 lb. of freight and 2,349,068 lb. of mail. The mileage shown for these foreign carriers represents miles flown over Canadian territory only.

During 1956, Canadian carriers flew a total of 56,067,785 miles in revenue unit toll transportation, requiring 288,120 hours of flying time. This compares with 48,593,351 miles and 261,424 hours in 1955. An additional 42,369,709 miles were flown in 343,316 hours in the performance of bulk or charter services, a considerable increase from the 32,266,480 miles and 254,880 hours flown in this class of service one year ago.

Salaries and wages for the 14,848 employees engaged in the industry totalled \$65,240,831 for the year compared with 13,271 employees earning \$55,520,899 in 1955. The average annual salary rose to \$4,394 from \$4,184, a gain of 5.0 p.c. All classes of personnel with the exception of co-pilots showed increases in number and salary.

An average fleet of 825 planes was used by Canadian commercial air carriers in 1956, an increase of 57 over the 1955 fleet of 768. The operation of this fleet of aircraft required a total of 83,430,347 gallons of gasoline and 1,002,674 gallons of oil at a cost of \$27,584,973 and \$1,053,188, respectively. During 1955 fuel requirements were 65,422,771 gallons of gasoline and 902,445 gallons of oil at a cost of \$22,004,244 for gasoline and \$896,667 for oil.

A total of 262 flying accidents involving Canadian carriers claimed 130 lives during 1956 according to the report issued by the Civil Aviation Division, Department of Transport. This compares with 264 accidents and 84 fatalities in 1955. During the year under review, 97 passengers and 26 pilots lost their lives as compared with 42 passengers and 40 pilots in 1955.

CHART B

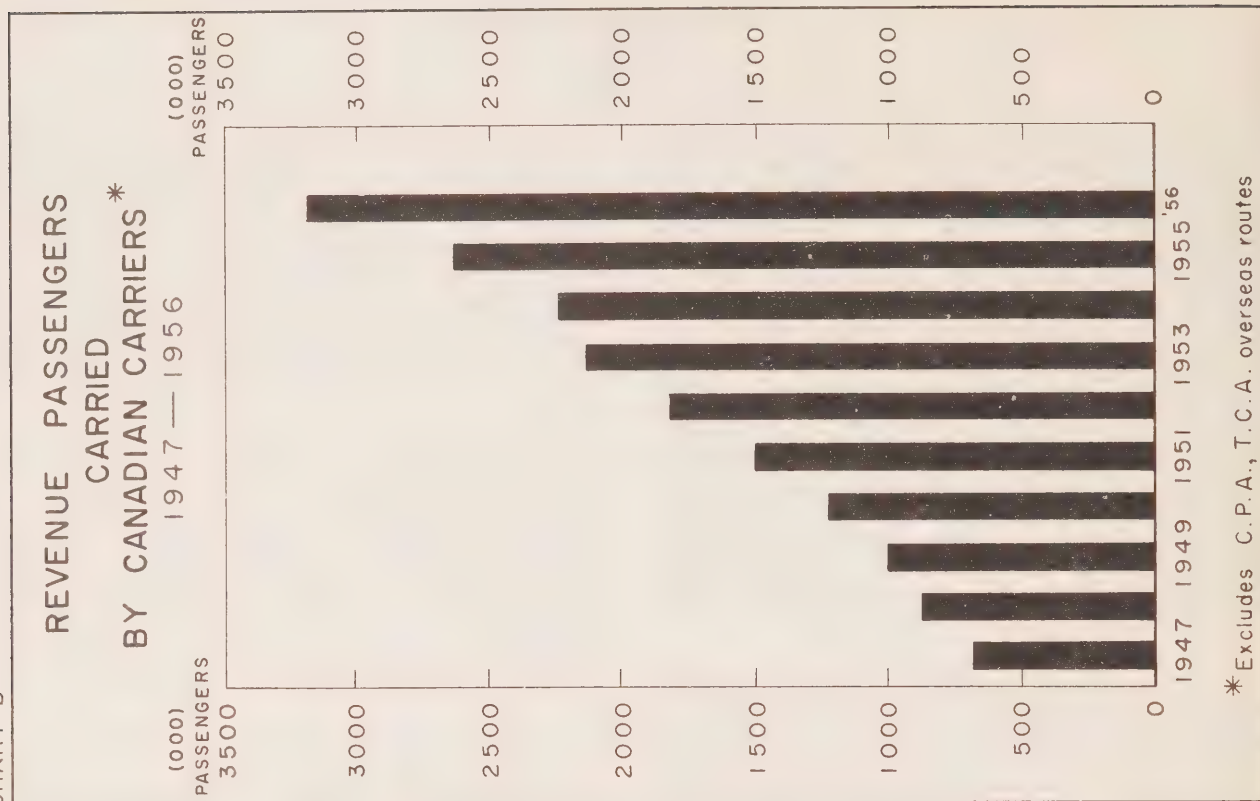


CHART A

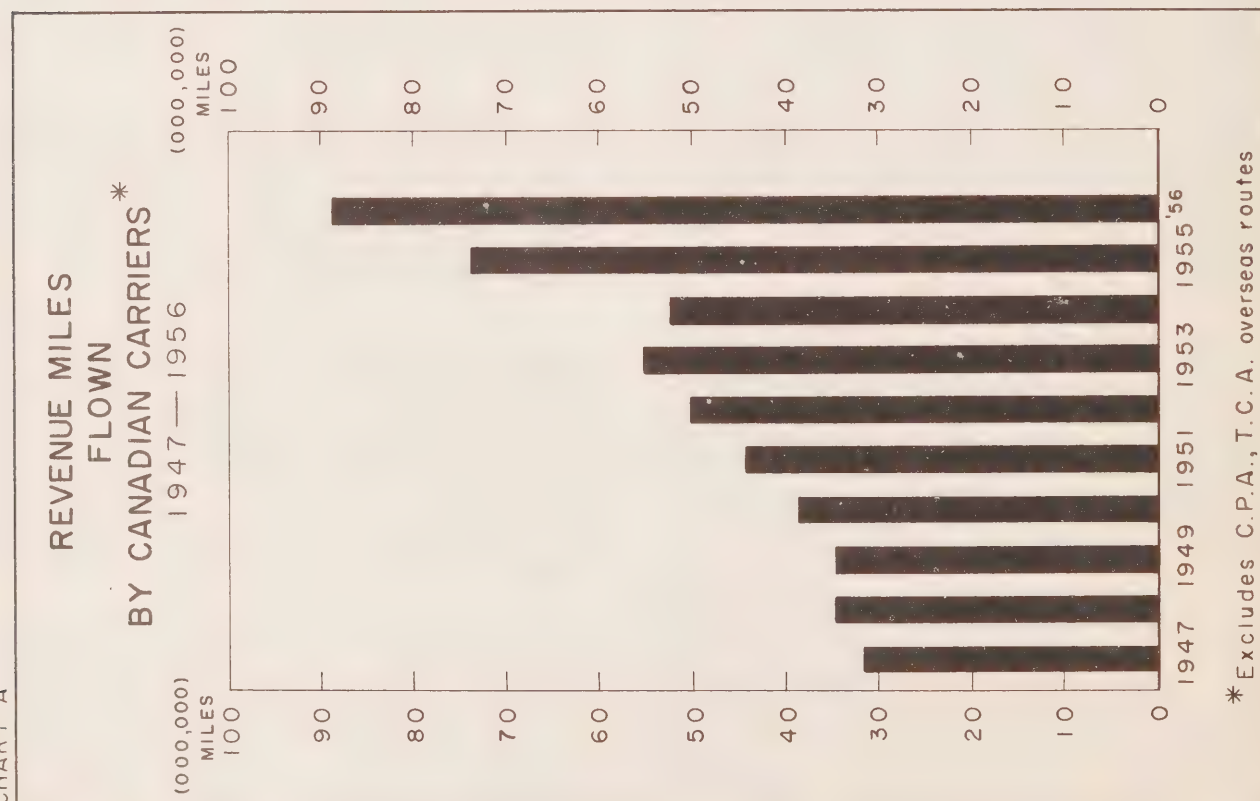


CHART D

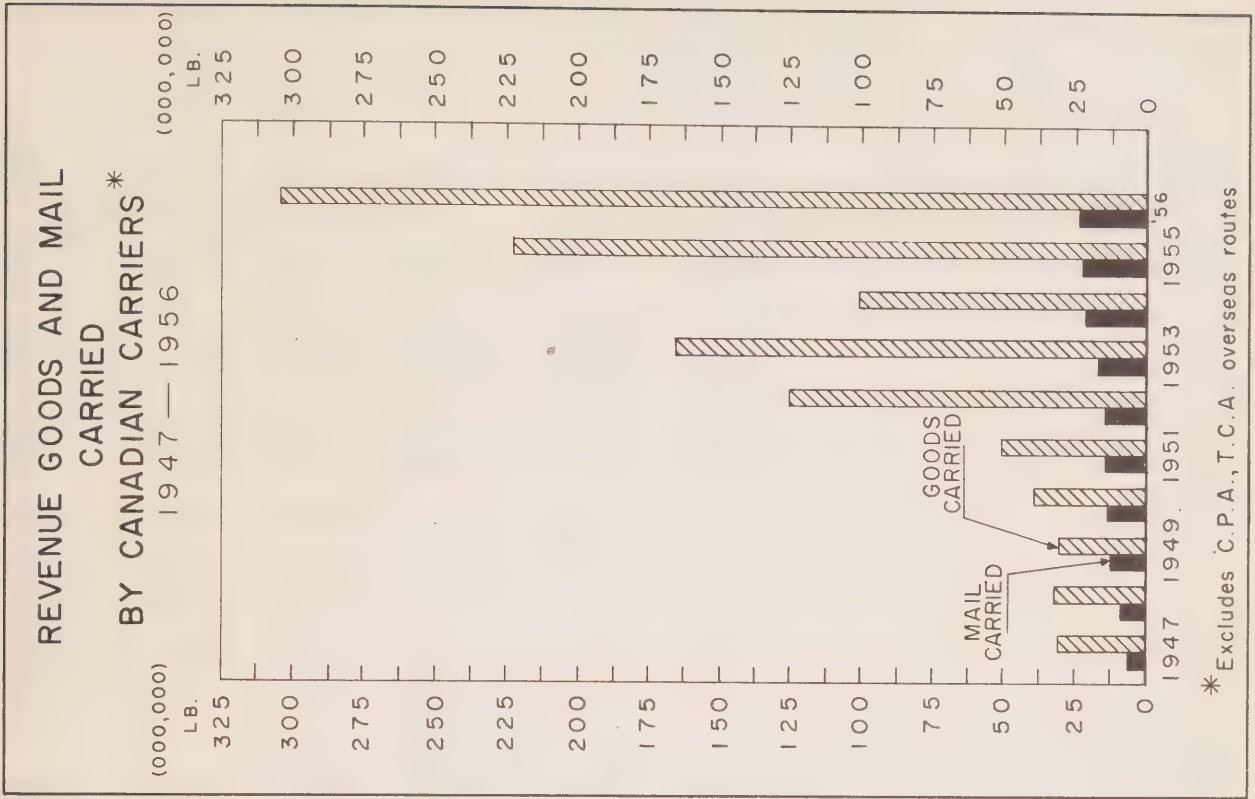


CHART C

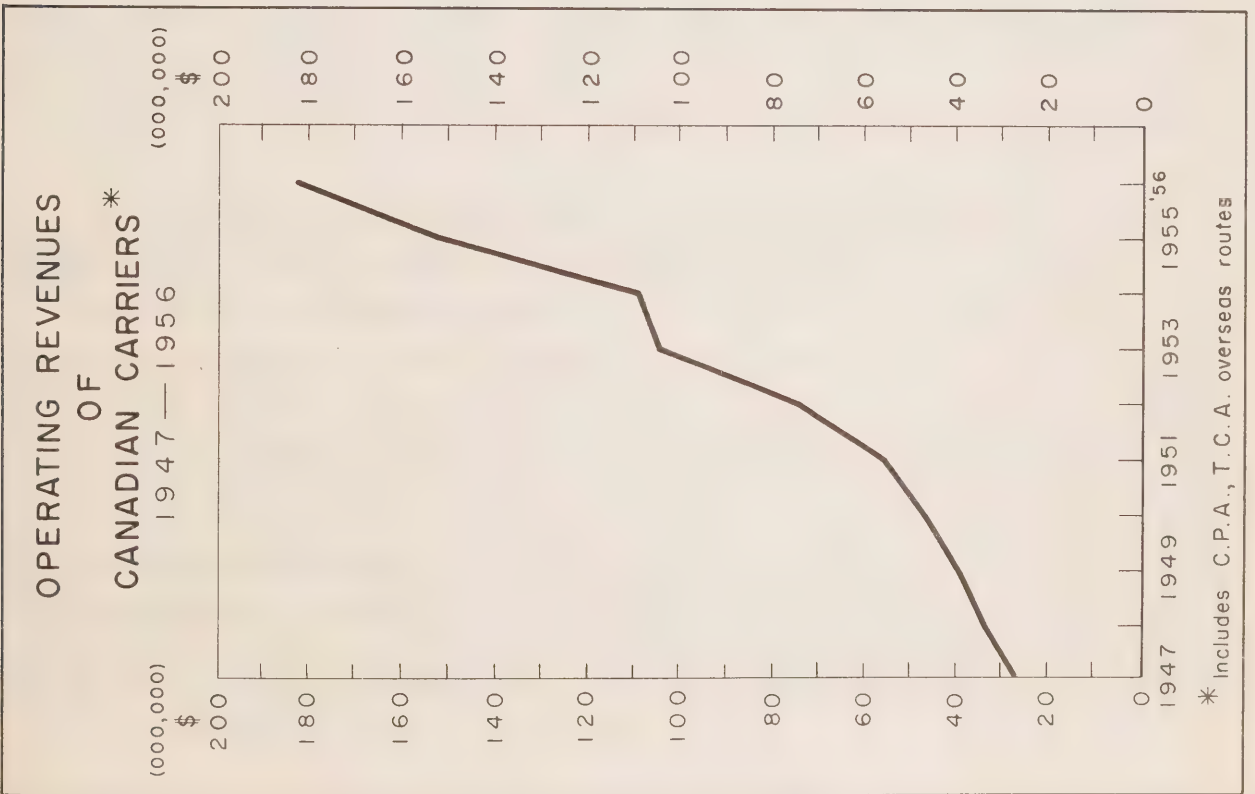


TABLE 1. Statistical Summary of Civil Aviation in Canada, 1951-1956

	1956	1955	1954	1953	1952	1951 ¹
Miles Flown—revenue	101,723,710	83,805,304	61,582,481	64,076,912	58,775,340	52,578,934
Hours flown:						
Revenue	734,822	605,913	472,817	498,891	469,677	507,745
Non-revenue	37,567	31,306	21,516	26,044	22,045	74,962
Total	772,389	637,219	494,333	524,935	491,722	582,707
Passengers carried:						
Revenue	3,864,818	3,249,099	2,792,348	2,724,432	2,298,194	1,889,950
Non-revenue	58,721	54,076	73,199	71,405	62,653	58,030
Total	3,923,539	3,303,175	2,865,547	2,795,837	2,360,847	1,947,980
Passenger miles:						
Revenue (Unit toll transportation only)	1,547,279,882	1,223,825,448	1,066,805,242	942,269,095	805,642,141	679,819,451
Non-revenue " " " "	61,416,920	57,477,989	49,134,404	45,784,828	33,945,124	31,420,440
Total " " " "	1,608,696,802	1,281,303,437	1,115,939,646	988,053,923	839,587,265	711,239,891
Goods carried (lbs.):						
Revenue	319,260,401	233,561,830	109,299,356	177,451,345	135,055,106	59,199,354
Non-revenue	7,639,517	7,121,832	5,714,121	5,268,374	5,679,436	4,587,063
Total	326,899,918	240,683,662	115,013,477	182,719,719	140,734,542	63,786,417
Goods ton miles:						
Revenue (Unit toll transportation only)	22,065,286	18,084,169	14,057,279	11,738,487	10,134,861	8,562,261
Non-revenue " " " "	3,039,907	3,477,194	3,379,895	2,796,334	2,519,711	2,440,113
Total " " " "	25,105,193	21,561,363	17,437,174	14,534,821	12,654,572	11,002,374
Mail carried (lbs.) — Unit toll transportation ...	27,914,288	26,616,505	24,228,571	20,319,952	18,328,310	16,824,652
Mail ton miles — Unit toll transportation	10,238,458	9,048,610	8,239,855	6,419,077	5,725,178	5,306,076
Fuel consumed:						
Gasoline	gals. 102,836,140	77,938,918	53,164,769	51,817,843	45,542,485	36,722,262
Cost	\$ 33,321,107	25,070,432	17,314,786	16,573,708	12,498,175	9,708,577
Oil	gals. 1,212,361	1,006,154	695,642	649,664	547,501	412,272
Cost	\$ 1,215,979	960,154	671,069	614,724	490,258	324,134
Average number of employees	15,411	13,783	12,126	11,105	9,746	8,107
Salaries and wages	\$ 67,708,117	57,665,410	48,907,525	43,696,008	36,625,014	27,399,363
Operating revenues:						
Unit toll transportation	118,010,084	97,318,012	84,327,398	75,640,718	66,882,820	59,480,858
Bulk transportation	53,435,589	44,543,258	15,149,492	19,664,102	16,952,037	10,202,691
Other revenue services	10,723,177	10,877,748	9,387,399	8,950,680	6,684,438	3,367,983
Total	182,168,850	152,739,018	108,864,289	104,255,500	90,519,295	73,051,532
Operating expenses:						
Aircraft operation and maintenance	108,268,728	90,504,604	59,984,323	60,618,261	51,099,026	38,282,623
Ground operation and maintenance	39,014,039	32,909,216	27,840,216	25,186,828	21,002,448	16,407,372
Traffic, general administration and taxes	27,299,213	23,240,994	19,162,830	17,154,811	14,653,873	11,370,951
Total	174,581,980	146,654,814	106,987,369	102,959,900	86,755,347	66,060,946
Operating income (or loss)	7,586,870	6,084,204	1,876,920	1,295,600	3,763,948	6,990,586

1. 1951 revised to include C.P.A. and T.C.A. Overseas Services, subsequently included.

TABLE 2. General Balance Sheet of Canadian Scheduled Air Carriers, 1956

	Canadian Pacific Air Lines ¹	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines ¹	Total scheduled carriers
Assets:							
Current assets	6,898,630	4,554,990	1,413,290	384,751	1,099,357	19,624,935	33,975,953
Investments	38,537	688,500	1,594,376	—	5,145	20,590	2,347,148
Deferred debits	614,378	16,720	126,787	259,587	14,675	—	1,032,147
Special funds	—	—	—	—	—	6,000,000	6,000,000
Fixed assets (less depreciation)	15,801,063	2,869,258	3,873,044	1,533,802	2,110,203	43,912,632	70,100,002
Total	23,352,608	8,129,468	7,007,497	2,178,140	3,229,380	69,558,157	113,455,250
Liabilities:							
Current liabilities	5,840,903	5,133,552	1,659,432	388,736	874,484	9,423,550	23,320,657
Long term debt	—	26,949	1,785,083	490,000	1,550,057	40,000,000	43,852,089
Deferred credits	845,429	85,078	—	331,591	—	2,473,657	3,735,755
Reserves	820,000	177,828	3,254	61,939	—	6,393,939	7,456,960
Capital stock	14,750,000	15,000	1,454,194	130,158	461,497	5,000,000	21,810,849
Surplus	1,096,276	2,691,061	2,105,534	775,716	343,342	6,267,011	13,278,940
Total	23,352,608	8,129,468	7,007,497	2,178,140	3,229,380	69,558,157	113,455,250

1. Includes overseas services.

TABLE 3. General Balance Sheet of Canadian Non-scheduled Air Carriers, 1956

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total non-scheduled
	\$	\$	\$	\$
Assets:				
Current assets	11,919,292	672,097	473,679	13,065,068
Fixed assets (less depreciation)	12,270,078	1,121,429	951,683	14,343,190
Other assets	2,224,999	141,211	195,538	2,561,748
Total	26,414,369	1,934,737	1,620,900	29,970,006
Liabilities:				
Current liabilities	9,959,682	548,422	475,711	10,983,815
Other liabilities	7,858,168	661,506	345,627	8,865,301
Incorporated companies:				
Capital stock	3,952,805	568,749	366,010	4,887,564
Surplus	4,612,438	Dr. 35,028	37,786	4,615,196
Non-incorporated businesses — net worth	31,276	191,088	395,766	618,130
Total	26,414,369	1,934,737	1,620,900	29,970,006

TABLE 4. Property Account of Selected Canadian Air Carriers as at End of 1956

	Canadian Pacific Air Lines ¹	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Airlines ¹	Total scheduled Air Lines	Class "B" carriers	Grand total
	\$	\$	\$	\$	\$	\$	\$	\$	\$
Property and equipment:									
Aircraft	8,417,934 ²	1,837,410	1,825,896	858,036	983,684	23,408,232	37,331,192	6,733,039	44,064,231
Aircraft engines	2,620,661	495,927	243,857	56,823	418,249	6,033,943	9,869,460	1,453,045	11,322,505
Motor vehicles and floating equipment	33,096	34,135	61,729	33,795	42,963	1,032,943	1,238,661	201,504	1,440,165
Aircraft communication equipment	2	21,931	112,746	20,528	27,954	642,210	825,369	—	825,369
Communication equipment (ground)	15,066	24,238	41,686	17,630	3,068	74,426	176,114	—	176,114
Miscellaneous flying equipment	519,604	3,017	7,294	2,205	3,398	—	535,518	421,460	956,978
Shop and hangar equipment	242,029	51,942	97,339	36,206	23,226	1,565,329	2,026,071	238,758	2,264,829
Fuel storage and distribution equipment	—	69	2,024	—	—	—	2,093	—	2,093
Furniture, fixtures and office equipment	64,283	24,875	85,898	32,496	27,372	1,312,438	1,547,362	130,513	1,677,875
Airport lighting equipment	—	—	—	—	—	—	—	—	—
Miscellaneous ground equipment	29,914	12,161	53,940	12,673	—	585,574	694,262	206,131	900,393
Buildings	567,860	350,662	160,751	438,416	504,217	5,720,544	7,742,450	1,692,450	9,434,900
Appraisal increase	—	—	571,953	—	—	—	571,953	—	571,953
Total net value	12,510,447	2,866,367	3,265,113	1,508,808	2,034,131	40,375,639	62,560,505	11,076,900	73,637,405
Additions, retirements, depreciation:									
Cost value of assets:									
At beginning of year	16,599,422	4,342,261	3,299,714	3,135,478	1,613,040	68,220,975	97,210,890	15,816,382	113,027,272
Additions during year	6,502,653	2,474,113	1,131,456	714,481	2,066,890	10,785,293	23,674,886	8,164,968	31,839,854
Retirements during year	1,708,841	939,768	352,780	1,607,283	632,509	1,574,595	6,815,776	2,809,233	9,625,009
At end of year	21,393,234	5,876,606	4,078,390	2,242,676	3,047,421	77,431,673	114,070,000	21,172,117	135,242,117
Accrued depreciation:									
At beginning of year	7,150,797	2,179,414	270,998	855,199	810,500	31,513,964	42,780,872	7,676,938	50,457,810
Decreases	251,554	549,906	13,797	376,263	112,288	1,426,244	2,730,052	874,384	3,604,436
Provision for depreciation — current year	1,983,544	1,380,731	556,076	254,932	315,078	6,968,314	11,458,675	3,292,663	14,751,338
At end of year	8,882,787	3,010,239	813,277	733,868	1,013,290	37,056,034	51,509,495	10,095,217	61,604,712
Total net value	12,510,447	2,866,367	3,265,113	1,508,808	2,034,131	40,375,639	62,560,505	11,076,900	73,637,405

1. Includes overseas services.

2. C.P.A. aircraft communication equipment data included in aircraft account.

TABLE 5. Statement of Earned Surplus of Selected Canadian Air Carriers, 1956

	Canadian Pacific Air Lines ¹	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines ¹	Total scheduled Air Lines	Class "B" carriers	Grand total
	\$	\$	\$	\$	\$	\$	\$	\$	\$
Credit balance at beginning of year	1,030,807	1,080,752	429,481	303,194	36,955	4,710,799	7,591,988	2,611,899	10,203,887
Additions:									
Net income for the year	524,844	834,676	158,597	6,850	273,853	1,556,212	3,355,032	1,415,232	4,770,264
Miscellaneous credits	—	601,108	27,235	581,507	45,535	—	1,255,385	186,448	1,441,833
Total additions	524,844	1,435,784	185,832	588,357	319,388	1,556,212	4,610,417	1,601,680	6,212,097
Deductions:									
Deficit for the year	—	—	—	—	—	—	—	514,037	514,037
Miscellaneous debits	—	33,075	—	112,117	—	—	145,192	175,545	320,737
Dividends	459,375	90,000	67,297	3,718	13,000	—	633,390	78,627	712,017
Deductions from net worth	—	—	—	—	—	—	—	29,183	29,183
Total deductions	459,375	123,075	67,297	115,835	13,000	—	778,582	797,392	1,575,974
Credit balance at end of year	1,096,276	2,393,461	548,016	775,716	343,343	6,267,011	11,423,823	3,416,187	14,840,010

1. Includes overseas services.

TABLE 6. Operating Statistics of Canadian and Foreign Air Carriers, 1956

	Canadian carriers					Foreign carriers		Grand total all services
	Domestic services		Trans-border services	Atlantic and Pacific services	Total	Trans-border services	Atlantic and Pacific services	
	Scheduled	Non-scheduled						
Miles flown:								
Revenue:								
Unit toll transportation	38,065,711	1,729,656	6,721,275	9,551,143	56,067,785	1,714,989	1,528,058	59,310,832
Bulk transportation	14,623,282	27,593,279	712	152,436	42,369,709	5,083	38,086	42,412,878
Total revenue miles flown...	52,688,993	29,322,935	6,721,987	9,703,579	98,437,494	1,720,072	1,566,144	101,723,710
Hours flown:								
Revenue:								
Unit toll transportation	205,613	15,155	30,237	37,115	288,120	9,321	5,966	303,407
Bulk transportation	96,894	245,828	3	591	343,316	24	155	343,495
Other flying services	4,815	83,105	—	—	87,920	—	—	87,920
Total revenue	307,322	344,088	30,240	37,706	719,356	9,345	6,121	734,822
Non-revenue	18,885	16,804	402	1,387	37,478	80	9	37,567
Total hours flown	326,207	360,892	30,642	39,093	756,834	9,425	6,130	772,389
Fuel consumed:								
Gasoline gals.	58,059,860	11,342,890	2	14,027,597	83,430,347	9,689,743 ³	9,716,050 ³	102,836,140
Cost \$	18,158,863	5,094,103	2	4,332,007	27,584,973	2,986,497	2,749,637	33,321,107
Oil gals.	648,445	164,250	2	189,979	1,002,674	126,073 ³	83,614 ³	1,212,361
Cost \$	685,457	204,108	2	163,623	1,053,188	99,409	63,382	1,215,979
Average number of employees	11,086	2,384	2	1,378	14,848	280	283	15,411
Salaries and wages \$	49,129,076	10,536,002	2	15,575,753	65,240,831	1,290,017	1,177,269	67,708,117
Average number of aircraft:								
Owned	216	533	2	13	762	Not applicable	Not applicable	762
Leased	17	46	2	—	63			63
Total	233	579	2	13	825			825
Ratio of miles flown to miles scheduled ¹	95.8	Not applicable	93.6	98.4	96.0	94.9	93.7	96.3
Revenue passenger load factor — scheduled	69.2		75.5	59.5	67.3	33.1	41.4	63.1

1. Includes miles flown on regular scheduled flights only.

2. Included in scheduled domestic services.

3. Gasoline and oil taken on in Canada.

TABLE 7. Transportation Statistics of Canadian and Foreign Air Carriers, 1956

	Canadian carriers					Foreign carriers		Grand total all services
	Domestic services		Trans-border services	Atlantic and Pacific services	Total	Trans-border services	Atlantic and Pacific services	
	Scheduled	Non-scheduled						
Passengers carried:								
Revenue:								
Unit toll transportation.....	2,071,995	43,642	556,519	124,685	2,796,841	484,100	56,707	3,337,648
Bulk transportation	124,095	398,000	98	1,671	523,864	654	2,652	527,170
Total revenue.....	2,196,090	441,642	556,617 ¹	126,356	3,320,705	484,754	59,359	3,864,818
Non-revenue	8,662	39,683	5	917	49,262	7,883	1,576	58,721
Total passengers carried	2,204,752	481,325	556,617	127,273	3,369,967	492,637	60,935	3,923,539
Passenger miles — Unit toll transportation:								
Revenue.....	941,074,180	5,389,007	189,330,582	344,846,004	1,480,639,773	25,724,983	40,915,126	1,547,279,882
Non-revenue	41,649,230	114,879	2,566,584	14,555,535	58,886,228	779,173	1,751,519	61,416,920
Total passenger miles	982,723,410	5,503,886	191,897,166	359,401,539	1,539,526,001	26,504,156	42,666,645	1,608,696,802
Freight carried (lbs.):								
Revenue:								
Unit toll transportation.....	22,707,502	9,315,391	8,845,910	2,913,030	43,781,833	7,603,900	1,630,041	53,015,774
Bulk transportation	93,702,529	153,146,237	—	36,937	246,885,703	21,050	2,275	246,909,028
Total revenue.....	116,410,031	162,461,628	8,845,910 ²	2,949,967	290,667,536	7,624,950	1,632,316	299,924,802
Non-revenue	5,301,440	1,064,353	97,309	490,880	6,953,982	471,712	213,823	7,639,517
Total freight carried	121,711,471	163,525,981	8,943,219	3,440,847	297,621,518	8,096,662 ⁶	1,846,139 ⁶	307,564,319
Freight ton miles — Unit toll transportation:								
Revenue.....	8,811,367	213,934	1,574,756	5,780,829	16,380,886	297,451	451,263	17,129,600
Non-revenue	2,014,538	23,834	16,049	808,661	2,863,082	79,754	97,071	3,039,907
Total freight ton miles	10,825,905	237,768	1,590,805	6,589,490	19,243,968	377,205 ⁷	548,334 ⁷	20,169,507
Express carried (lbs.) — Unit toll transportation	11,327,499	1,112,682	2,154,462 ³	—	14,594,643	8	8	14,594,643
Express ton miles — Unit toll transportation	3,114,085	238,734	377,833	—	3,730,652	9	9	3,730,652
Excess baggage carried (lbs.) — Unit toll transportation.....	3,430,221	83,259	964,668 ⁴	262,808	4,740,956	8	8	4,740,956
Excess baggage ton miles — Unit toll transportation.....	716,160	8,078	172,190	308,606	1,205,034	9	9	1,205,034
Mail carried (lbs.) — Unit toll transportation	22,131,279	1,282,709	1,181,741	974,550	25,570,279	1,662,434	681,575	27,914,288
Mail ton miles — Unit toll transportation	7,861,272	89,063	219,508	1,724,261	9,894,104	53,963	290,391	10,238,458

1. Includes 49,262 division interline passengers.
2. Includes 286,023 lbs. division interline freight.
3. Includes 31,249 lbs. division interline express.
4. Includes 110,118 lbs. division interline excess baggage.
5. Not available.

6. Includes express and excess baggage.
7. Includes express and excess baggage ton miles.
8. Included in freight carried.
9. Included in freight ton miles.

TABLE 8. Revenues and Expenses of Canadian Air Carriers, 1956¹

	Canadian carriers		
	Scheduled ²	Non-scheduled	Total
	\$	\$	\$
Operating revenues:			
Unit toll transportation:			
Passengers.....	95,446,542	734,004	96,180,546
Mail.....	11,133,840	399,011	11,532,851
Freight.....	5,896,925	218,715	6,115,640
Express.....	2,912,364	117,684	3,030,048
Excess baggage.....	1,138,220	12,779	1,150,999
Total unit toll transportation.....	116,527,891	1,482,193	118,010,084
Bulk transportation.....	26,811,180	26,624,409	53,435,589
Other flying services.....	375,712	6,748,376	7,124,088
Total flying services.....	143,714,783	34,854,978	178,569,761
Non-flying services.....	1,897,030	1,702,059	3,599,089
Total operating revenues.....	145,611,813	36,557,037	182,168,850
Operating expenses:			
Aircraft operation and maintenance.....	82,078,226	26,190,502	108,268,728
Ground operation and maintenance.....	34,395,356	4,618,683	39,014,039
Traffic.....	15,637,247	512,618	16,149,865
General administration.....	7,200,914	3,176,419	10,377,333
General taxes.....	688,142	83,873	772,015
Total operating expenses.....	139,999,885	34,582,095	174,581,980
Operating income (or loss).....	5,611,928	1,974,942	7,586,870
Add non-operating income.....	1,336,329	254,029	1,590,358
Gross income.....	6,948,257	2,228,971	9,177,228
Deduct interest and other income charges.....	1,871,028	379,582	2,250,610
Net income before income taxes.....	5,077,229	1,849,389	6,926,618
Deduct provision for income taxes.....	1,722,197	504,835	2,227,032
Net income (or deficit) after income taxes.....	3,355,032	1,344,554	4,699,586
Operating ratio.....	96.1	94.6	95.8

1. Revenues and expenses for foreign carriers not available.

2. Includes Canadian Trans-border, Atlantic and Pacific services.

TABLE 9. Operating Statistics of Domestic Services of Canadian Scheduled Air Carriers, 1956

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Miles scheduled.....	5,150,629	604,697	686,560	1,033,196 ³	107,328	28,278,359	35,860,769
Miles flown:							
Revenue:							
Unit toll transportation.....	5,933,448	682,385	2,176,744	1,033,196	439,787	27,800,151	38,065,711
Bulk transportation.....	3,028,439	4,641,184	4,568,864	561,069	1,763,464	60,262	14,623,282
Total revenue.....	8,961,887	5,323,569	6,745,608	1,594,265	2,203,251	27,860,413	52,688,993
Non-revenue.....	345,463	272,305	457,437	64,935	197,693	1,741,130	3,078,963
Total miles flown.....	9,307,350	5,595,874	7,203,045	1,659,200	2,400,944	29,601,543	55,767,956
Hours flown:							
Revenue:							
Unit toll transportation.....	38,102	4,713	17,642	7,321	4,034	133,801	205,613
Bulk transportation.....	19,485	26,140	32,680	3,935	14,337	317	96,894
Other flying services.....	—	421	4,385	—	—	9	4,815
Total revenue.....	57,587	31,274	54,707	11,256	18,371	134,127	307,322
Non-revenue.....	2,172	1,742	3,524	524	1,428	9,495	18,885
Total hours flown.....	59,759	33,016	58,231	11,780	19,799	143,622	326,207
Fuel consumed:							
Gasoline..... gals.	6,403,172	5,174,806	3,412,378	1,004,919	1,125,049	40,939,536 ²	58,059,860
Cost..... \$	3,365,302	1,565,005	1,671,242	400,772	635,181	10,521,361 ²	18,158,863
Oil..... gals.	80,213	47,986	90,044	17,819	20,462	391,921 ²	648,445
Cost..... \$	87,153	36,136	103,327	17,559	24,679	416,603 ²	685,457
Average number of employees.....	1,328	465	699	200	221	8,173	11,086
Salaries and wages..... \$	6,175,377	2,556,256	2,798,885	812,149	936,261	35,850,148	49,129,076
Average number of aircraft:							
Owned.....	32	25	53	10	30	66 ²	216
Leased.....	—	—	17	—	—	—	17
Total.....	32	25	70	10	30	66²	233
Ratio of miles flown to miles scheduled ¹	97.7	87.3	94.9	100.0	75.4	95.6	95.8
Revenue passenger load factor—scheduled.....	57.2	33.3	51.4	37.8	4	72.4	69.2

1. Includes miles flown on regular scheduled flights only.

2. Includes Trans-border services.

3. Estimated.

4. Not available.

TABLE 10. Operating Statistics of Domestic Services of Non-scheduled Canadian Air Carriers, 1956

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total
Miles scheduled.....	Not applicable			
Miles flown:				
Revenue:				
Unit toll transportation.....	1,434,162	291,499	3,995	1,729,656
Bulk transportation	23,126,198	2,668,329	1,798,752	27,593,279
Total revenue.....	24,560,360	2,959,828	1,802,747	29,322,935
Non-revenue	1	1	1	1
Total miles flown	1	1	1	1
Hours flown:				
Revenue:				
Unit toll transportation.....	11,958	3,140	57	15,155
Bulk transportation	201,991	26,447	17,390	245,828
Other flying services	58,829	9,127	15,149	83,105
Total revenue.....	272,778	38,714	32,596	344,088
Non-revenue	12,450	2,359	1,995	16,804
Total hours flown	285,228	41,073	34,591	360,892
Fuel consumed:				
Gasoline	gals. 10,481,539	566,418	294,933	11,342,890
Cost	\$ 4,696,996	251,953	145,154	5,094,103
Oil	gals. 150,184	9,172	4,894	164,250
Cost	\$ 184,622	11,233	8,253	204,108
Average number of employees	2,037	225	122	2,384
Salaries and wages	\$ 9,384,111	831,468	320,423	10,536,002
Average number of aircraft:				
Owned	366	90	77	533
Leased	32	7	7	46
Total	398	97	84	579
Ratio of miles flown to miles scheduled	Not applicable			
Revenue passenger load factor — scheduled	Not applicable			

1. Not available.

TABLE 11. Operating Statistics of Atlantic and Pacific Services of Scheduled Canadian Air Carriers, 1956

	T.C.A. Services	C.P.A. Services	Total
Miles scheduled.....	4,369,363	5,153,950	9,523,313
Miles flown:			
Revenue:			
Unit toll transportation.....	4,448,756	5,102,387	9,551,143
Bulk transportation	36,738	115,698	152,436
Total revenue	4,485,494	5,218,085	9,703,579
Non-revenue	150,433	208,977	359,410
Total miles flown	4,635,927	5,427,062	10,062,989
Hours flown:			
Revenue:			
Unit toll transportation	17,784	19,331	37,115
Bulk transportation	138	453	591
Other flying services	—	—	—
Total revenue	17,922	19,784	37,706
Non-revenue	599	788	1,387
Total hours flown	18,521	20,572	39,093
Fuel consumed:			
Gasoline	gals. 6,907,552	7,120,045	14,027,597
Cost	\$ 2,049,257	2,282,750	4,332,007
Oil	gals. 124,021	65,958	189,979
Cost	\$ 93,719	69,904	163,623
Average number of employees	639	739	1,378
Salaries and wages	\$ 2,702,544	2,873,209	5,575,753
Average number of aircraft:			
Owned	7	6	13
Leased	—	—	—
Total	7	6	13
Ratio of miles flown to miles scheduled ¹	99.0	97.9	98.4
Revenue passenger load factor — scheduled	72.5	49.1	59.5

1. Includes miles flown on regular scheduled flights only.

TABLE 12. Transportation Statistics of Domestic Services of Canadian Scheduled Air Carriers, 1956

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Passengers Carried:							
Revenue:							
Scheduled:							
Originated	192,511	29,885	76,512	126,501	2,034	1,338,939	1,766,432
Domestic interline	15,815	3,030	—	—	—	160,823	13,845
Foreign interline	4,885	—	—	—	—	—	165,708
Division interline	—	—	—	—	—	51,807	51,807
Non-scheduled	2,609	2,243	58,303	—	6,048	—	69,203
Total unit toll transportation	215,820	35,158	134,315	126,501	8,132	1,551,569	2,071,995
Bulk transportation	17,592	45,095	41,034	7,215	7,738	5,421	124,095
Total revenue	233,412	80,253	175,849	133,716	15,870	1,556,990	2,196,090
Non-revenue	3,407	1,973	2,244	748	290	1	8,662
Total passengers carried	236,819	82,226	178,093	134,464	16,160	1,556,990	2,204,752
Passenger miles — Unit toll transportation:							
Revenue	94,235,283	6,003,441	16,531,116	10,807,032	1,114,320	312,332,988	941,074,180
Non-revenue	2,383,856	153,643	356,284	134,750	11,623	38,609,074	41,649,230
Total passenger miles	96,619,139	6,157,084	16,937,400	10,941,782	1,125,943	850,942,062	982,723,410
Freight carried (lbs.):							
Revenue:							
Scheduled:							
Originated	6,819,511	—	351,919	—	30,937	11,457,816	18,660,183
Domestic interline	1,307	—	—	—	—	—	1,307
Foreign interline	28,566	—	—	—	—	—	28,566
Division interline	619	—	—	—	—	2,657,809	2,658,428
Non-scheduled	12,178	—	410,923	—	935,912	—	1,359,018
Total unit toll transportation	6,862,181	—	762,847	—	966,849	14,115,625	22,707,502
Bulk transportation	23,495,305	30,615,258	17,793,094	4,983,407	16,620,137	195,328	93,702,529
Total revenue	30,357,486	30,615,258	18,555,941	4,983,407	17,586,986	14,310,953	116,410,031
Non-revenue	893,501	895,428	223,083	—	188,248	3,101,180	5,301,440
Total freight carried	31,250,987	31,510,686	18,779,024	4,983,407	17,775,234	17,412,133	121,711,471
Freight ton miles — Unit toll transportation:							
Revenue	1,652,596	—	68,842	—	57,844	7,032,085	8,811,367
Non-revenue	347,280	—	5,561	—	8,107	1,653,590	2,014,538
Total freight ton miles	1,999,876	—	74,403	—	65,951	8,685,675	10,825,905
Express carried (lbs.):							
Revenue:							
Scheduled:							
Originated	1,678,313	690,804	—	3,670,187	—	4,766,117	10,805,421
Domestic interline	—	77,896	—	—	—	—	77,896
Foreign interline	—	—	—	—	—	—	—
Division interline	—	—	—	—	—	382,426	382,426
Non-scheduled	5,145	56,246	365	—	—	—	61,756
Total unit toll transportation	1,683,458	824,946	365	3,670,187	—	5,148,543	11,327,499
Express ton miles — Unit toll transportation	451,085	198,140	29	294,197	—	2,170,634	3,114,085
Excess baggage carried (lbs.):							
Revenue:							
Scheduled:							
Originated	648,842	62,248	113,690	558,960	5,989	1,621,639	3,071,363
Domestic interline	23,937	—	—	—	—	8,069	32,006
Foreign interline	7,629	—	—	—	—	50,784	58,413
Division interline	—	—	—	—	—	139,803	139,803
Non-scheduled	5,836	29,564	64,197	—	29,034	—	128,631
Total unit toll transportation	686,244	91,812	177,887	558,960	35,023	1,880,295	3,430,221
Excess baggage ton miles — Unit toll transportation	186,392	15,042	17,492	42,503	617	454,114	716,160
Mail carried (lbs) — Unit toll transportation	2,732,084	830,414	149,717	853,421	310,805	17,254,838	22,131,279
Mail ton miles — Unit toll transportation	685,030	77,113	13,790	32,201	21,833	7,031,305	7,861,272
Available seat miles — Scheduled	158,219,436	14,605,945	18,058,665	28,592,152	1	1,121,267,130	1,340,743,348
Available ton miles — Scheduled	18,706,389	1,521,749	1,770,660	3,183,343	1	165,237,430	190,419,571

1. Not available.

TABLE 13. Transportation Statistics of Domestic Services of Canadian Non-scheduled Air Carriers, 1956

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total
Passengers carried:				
Revenue:				
Scheduled:				
Originated.....			Not	
Domestic interline.....			applicable	
Foreign interline.....				
Division interline.....				
Non-scheduled.....	25,544	17,979	119	43,642
Total unit toll transportation.....	25,544	17,979	119	43,642
Bulk transportation.....	317,510	48,167	32,323	398,000
Total revenue.....	343,054	66,146	32,442	441,642
Non-revenue.....	3,291	35,990	402	39,683
Total passengers carried.....	346,345	102,136	32,844	481,325
Passenger miles — Unit toll transportation:				
Revenue.....	3,584,792	1,770,904	33,311	5,389,007
Non-revenue.....	113,665	904	310	114,879
Total passenger miles.....	3,697,457	1,771,808	34,621	5,503,886
Freight carried (lbs):				
Revenue:				
Scheduled:				
Originated.....			Not	
Domestic interline.....			applicable	
Foreign interline.....				
Division interline.....				
Non-scheduled.....	9,191,963	122,168	1,260	9,315,391
Total unit toll transportation.....	9,191,963	122,168	1,260	9,315,391
Bulk transportation.....	144,561,942	6,003,511	2,580,784	153,146,237
Total revenue.....	153,753,905	6,125,679	2,582,044	162,461,628
Non-revenue.....	1,052,263	—	12,090	1,064,353
Total freight carried.....	154,806,168	6,125,679	2,594,134	163,525,981
Freight ton miles — Unit toll transportation:				
Revenue.....	210,023	3,620	291	213,934
Non-revenue.....	23,834	—	—	23,834
Total freight ton miles.....	233,857	3,620	291	237,768
Express carried (lbs):				
Revenue:				
Scheduled:				
Originated.....			Not	
Domestic interline.....			applicable	
Foreign interline.....				
Division interline.....				
Non-scheduled.....	1,061,252	51,430	—	1,112,682
Total unit toll transportation.....	1,061,252	51,430	—	1,112,682
Express ton miles — Unit toll transportation.....	235,378	3,356	—	238,734
Excess baggage carried (lbs):				
Revenue:				
Scheduled:				
Originated.....			Not	
Domestic interline.....			applicable	
Foreign interline.....				
Division interline.....				
Non-scheduled.....	29,696	53,563	—	83,259
Total unit toll transportation.....	29,696	53,563	—	83,259
Excess baggage ton miles unit toll transportation.....	4,752	3,326	—	8,078
Mail carried (lbs) — Unit toll transportation.....	1,160,515	122,194	—	1,282,709
Mail ton miles — Unit toll transportation.....	82,993	6,070	—	89,063
Available seat miles — Scheduled.....			Not	
Available ton miles — Scheduled.....			applicable	

TABLE 14. Transportation Statistics of Atlantic and Pacific Services of Canadian Scheduled Air Carriers, 1956

	T. C. A. Services	C. P. A. Services	Total
Passengers carried:			
Revenue:			
Scheduled:			
Originated	86,230	30,112	116,342
Domestic interline	—	1,813	1,813
Foreign interline	—	6,406	6,406
Division interline	124	—	124
Non-scheduled	—	—	—
Total unit toll transportation	86,354	38,331	124,685
Bulk transportation	696	975	1,671
Total revenue	87,050	39,306	126,356
Non-revenue	1	917	917
Total passengers carried	87,050	40,223	127,273
Passenger miles — Unit toll transportation:			
Revenue	186,436,076	158,409,928	344,846,004
Non-revenue	10,475,209	4,080,326	14,555,535
Total passenger miles	196,911,285	162,490,254	359,401,539
Freight carried (lbs.):			
Revenue:			
Scheduled:			
Originated	2,287,202	287,527	2,574,729
Domestic interline	—	91,905	91,905
Foreign interline	—	241,839	241,839
Division interline	4,020	537	4,557
Non-scheduled	—	—	—
Total unit toll transportation	2,291,222	621,808	2,913,030
Bulk transportation	—	36,937	36,937
Total revenue	2,291,222	658,745	2,949,967
Non-revenue	339,388	151,492	490,880
Total freight carried	2,630,610	810,237	3,440,847
Freight ton miles — Unit toll transportation:			
Revenue	3,323,516	2,457,313	5,780,829
Non-revenue	437,100	371,561	808,661
Total freight ton miles	3,760,616	2,828,874	6,589,490
Express carried (lbs.):			
Revenue:			
Scheduled:			
Originated	—	—	—
Domestic interline	—	—	—
Foreign interline	—	—	—
Division interline	—	—	—
Non-scheduled	—	—	—
Total unit toll transportation	—	—	—
Express ton miles — Unit toll transportation	—	—	—
Excess baggage carried (lbs.):			
Revenue:			
Scheduled:			
Originated	193,229	56,612	249,841
Domestic interline	—	2,403	2,403
Foreign interline	—	10,389	10,389
Division interline	175	—	175
Non-scheduled	—	—	—
Total Unit toll transportation	193,404	69,404	262,808
Express baggage ton miles — Unit toll transportation	184,335	124,271	308,606
Mail carried (lbs.) — Unit toll transportation	842,756	131,794	974,550
Mail ton miles — Unit toll transportation	1,362,303	361,958	1,724,261
Available seat miles — Scheduled	256,989,347	322,949,787	579,939,634
Available ton miles — Scheduled	36,497,514	32,725,055	69,222,569

1. Not available.

TABLE 15. Revenues and Expenses of Canadian Scheduled Air Carriers, 1956

	Canadian Pacific Air Lines ¹	Maritime Central Airways	Pacific Western Air Lines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines ²	Total
	\$	\$	\$	\$	\$	\$	\$
Operating revenues:							
Unit toll transportation:							
Passengers	17,088,413	584,847	1,889,180	1,230,648	174,938	74,478,516	95,446,542
Mail	1,876,661	202,219	62,539	63,711	58,776	8,869,934	11,133,840
Freight	1,766,057	—	102,907	—	88,586	3,939,375	5,896,925
Express	419,069	122,363	—	299,910	—	2,071,022	2,912,364
Excess baggage	279,051	12,172	34,378	49,736	3,885	758,998	1,138,220
Total unit toll transportation	21,429,251	921,601	2,089,004	1,644,005	326,185	90,117,845	116,527,891
Bulk transportation	6,378,842	8,563,933	7,882,246	1,050,028	2,685,534	250,597	26,811,180
Other flying services	—	70,110	303,188	—	—	2,414	375,712
Total flying services	27,808,093	9,555,644	10,274,438	2,694,033	3,011,719	90,370,856	143,714,783
Non-flying services	215,853	485,509	155,692	1,636	103,150	935,190	1,897,030
Total operating revenues	28,023,946	10,041,153	10,430,130	2,695,669	3,114,869	91,306,046	145,611,813
Operating expenses:							
Aircraft operation and maintenance	17,955,886	6,521,738	7,542,634	1,614,471	2,458,791	45,984,706	82,078,226
Ground operation and maintenance	4,624,666	837,685	1,345,061	564,690	386,708	26,636,546	34,395,356
Traffic	2,867,301	102,683	470,986	157,280	31,547	12,007,441	15,637,247
General administration	1,611,902	478,330	556,678	281,357	230,790	4,041,857	7,200,914
General taxes	112,398	15,052	16,487	9,168	8,472	526,565	688,142
Total operating expenses	27,172,153	7,955,488	9,931,846	2,626,975	3,116,308	89,197,115	139,999,885
Operating income (or loss)	851,793	2,085,665	498,284	68,694	Dr. 1,439	2,108,931	5,611,928
Add non-operating income	339,579	519	75,167	—	275,292	645,772	1,336,329
Gross income	1,191,372	2,086,184	573,451	68,694	273,853	2,754,703	6,948,257
Deduct interest and other income charges	184,139	97,344	391,054	—	—	1,198,491	1,871,028
Net income before income taxes	1,007,233	1,988,840	182,397	68,694	273,853	1,556,212	5,077,229
Deduct provision for income taxes	482,389	1,154,164	23,800	61,844	—	—	1,722,197
Net income (or deficit after income taxes)	524,844	834,676	158,597	6,850	273,853	1,556,212	3,355,032
Operating ratio	97.0	79.2	95.2	96.7	100.0	97.7	96.1

1. C.P.A. consolidated financial statement, includes: Domestic and Pacific services.

2. T.C.A. consolidated financial statement, includes: Domestic, Trans-border and Atlantic services.

TABLE 16. Revenues and Expenses of Domestic Services of Canadian Non-scheduled Air Carriers, 1956

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total
	\$	\$	\$	\$
Operating revenues:				
Unit toll transportation:				
Passengers	483,086	250,388	530	734,004
Mail	374,784	24,227	—	399,011
Freight	209,534	9,181	—	218,715
Express	105,319	12,365	—	117,684
Excess baggage	5,488	7,291	—	12,779
Total unit toll transportation	1,178,211	303,452	530	1,482,193
Bulk transportation	24,458,199	1,368,078	798,132	26,624,409
Other flying services	5,783,715	489,476	475,185	6,748,376
Total flying services	31,420,125	2,161,006	1,273,847	34,854,978
Non-flying services	1,335,715	233,135	133,209	1,702,059
Total operating revenues	32,755,840	2,394,141	1,407,056	36,557,037
Operating expenses:				
Aircraft operation and maintenance	23,868,729	1,525,944	795,829	26,190,502
Ground operation and maintenance	3,948,518	415,602	254,563	4,618,683
Traffic	464,208	23,882	24,528	512,618
General administration	2,732,774	292,596	151,049	3,176,419
General taxes	53,190	17,793	12,890	83,873
Total operating expenses	31,067,419	2,275,817	1,238,859	34,582,095
Operating income (or loss)	1,688,421	118,324	168,197	1,974,942
Add non-operating income	222,064	1,785	30,180	254,029
Gross income	1,910,485	120,109	198,377	2,228,971
Deduct interest and other income charges	336,506	14,773	28,303	379,582
Net income before income taxes	1,573,979	105,336	170,074	1,849,389
Deduct provision for income taxes	464,255	28,274	12,306	504,835
Net income (or deficit) after income taxes	1,109,724	77,062	157,768	1,344,554
Operating ratio	94.8	95.1	88.0	94.6

TABLE 17. Employees, Salaries and Wages of Canadian and Foreign Air Carriers, 1956

Canadian carriers	Employees	Salaries and wages \$	Companies	Employees	Salaries and wages \$
General officers	940	6,644,877	Canadian Pacific Air Lines ¹	2,067	9,048,586
Clerks and stenographers	1,872	5,555,099	Maritime Central Airways	465	2,556,256
Pilots	1,506	12,236,528	Pacific Western Airlines	699	2,798,885
Co-pilots	318	1,673,449	Quebecair Inc.	200	812,149
Despatchers	193	952,115	Transair Ltd.	221	936,261
Communication operators	900	2,959,668	Trans-Canada Air Lines ¹	8,812	38,552,692
Stewards or other attendants	604	2,080,080	Total Scheduled	12,464	54,704,829
Air engineers	903	4,317,039	Class "B" carriers	2,037	9,384,111
Mechanics	3,074	12,800,906	Class "C" carriers	225	831,468
Airport employees	2,122	7,363,529	Class "D" carriers	122	320,423
Stores employees	407	1,318,567	Total Canadian	14,848	65,240,831
Other employees	2,009	7,338,974	Foreign carriers:		
Total	14,848	65,240,831	Trans-border services	280	1,290,017
			Atlantic and Pacific services	283	1,177,269
			Total carriers	15,411	67,708,117

1. Includes Overseas Services.

TABLE 18. Accidents Involving Canadian Air Carriers, 1952-1956¹

	1956 ²	1955 ³	1954	1953	1952		1956 ²	1955 ³	1954	1953	1952
Casualties:						Number of aircraft accidents	262	264	201	174	169
Pilot:						Type of flying:					
Fatal	26	40	18	25	23	Instructional	6	6	2	1	2
Serious	13	17	7	6	13	Practice	26	7	1	3	4
Minor	13	13	5	—	18	Private	151 ⁴	152 ⁴	108	86	87
Crew:						Scheduled	3 ⁴	2 ⁴	4	7	2
Fatal	7	2	2	6	3	Non-scheduled	106 ⁴	107 ⁴	76	71	67
Serious	1	—	3	2	1	State	2 ⁴	3 ⁴	1	1	—
Minor	0	1	1	1	1	Other (including ferry, test, etc.)...	4	5	9	5	7
Passengers:						Probable cause (per cent):					
Fatal	97	42	47	43	26	Personnel	74.8	51.9	52.3	50.0	51.5
Serious	18	26	17	11	13	Material failure	14.6	19.7	20.9	20.7	14.8
Minor	18	16	17	10	24	Weather	1.5	7.6	7.9	5.2	8.9
Other:						Aerodrome terrain or water	5.3	11.0	12.9	12.6	11.2
Fatal	—	2	3	—	—	Miscellaneous	—	2.3	2.0	4.0	4.1
Serious	—	1	—	2	1	Undetermined	3.8	7.5	4.0	7.5	9.5
Minor	1	—	—	1	—						
Operational phase:											
Starting	—	4	1	7	3						
Taxiing	16	30	28	6	11						
Take-off	36	56	37	37	38						
Flight	46	41	31	42	39						
Landing	163	127	101	81	74						
Other	1	6	3	1	4						

1. As reported by Civil Aviation Division, Department of Transport.

2. Subject to revision.

3. Revised.

4. Includes instructional, practice, and other flying accidents.

TABLE 19. Personnel and Airport Licences Issued and Aircraft Registered as of December 31, 1956¹

Personnel	In force December 31, 1956	In force December 31, 1955	Aircraft registered	Total December 31, 1956	Total December 31, 1955
Pilots:			Commercial	1,700	1,540
Glider	233	201	Private	1,684	1,466
Private	6,227	5,559	State	157	142
Commercial (old type)	—	—	Grand total	3,541	3,148
Commercial	2,194	1,754			
Senior commercial	382	312	Airports		
Transport	—	—			
Airline transport	831	717			
Air navigators	71	56		In force December 31, 1956	In force December 31, 1955
Air traffic controllers	355	270			
Flight engineers	33	20			
Aircraft maintenance engineers	1,706	1,544		519	495

1. As reported by Civil Aviation Division, Department of Transport.

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CIVIL AVIATION

1957

Published by Authority of

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DOMINION BUREAU OF STATISTICS

Public Finance and Transportation Division

Transportation and Public Utilities Section

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CIVIL AVIATION

1957

Operating income of Canadian air carriers dropped sharply in 1957, the decrease to \$629,276 from the record high of \$7,586,870 recorded in 1956 being related in large part to a decline in the bulk transportation business of scheduled airlines following completion of defence projects in the Canadian northland. The drop in earnings occurred despite a 12.2 p.c. increase in the number of passengers flown and a 4.3 p.c. increase in operating revenues. Operating revenues reached a new high of \$190,082,000 but operating expenses climbed more rapidly, rising 8.5 p.c. to \$189,453,000 from \$174,582,000 in 1956. Scheduled airlines reported an operating loss of \$446,101 compared with an operating income of \$5,611,928 in 1956; non-scheduled airlines showed a drop of 45.5 p.c. to \$1,075,377 from \$1,974,942.

Total operating revenues of \$190,082,035 included \$136,551,980 received from unit toll services, up 15.7 p.c. from \$118,010,084 recorded in 1956 and \$40,753,733 from bulk transportation or chartered services, down 23.7 p.c. from \$53,435,589 reported one year earlier; other flying services produced \$7,867,446 in revenues as against \$7,124,088 in 1956 while non-flying services brought in \$4,908,876 compared with \$3,599,089. Revenue from passenger fares continued to be the principal source of income, rising 16.8 p.c. to \$112,295,278 from \$96,180,546. Mail receipts rose 9.8 p.c. to \$12,661,771, earnings from freight carried in unit toll service 18.3 p.c. to \$7,236,191 and excess baggage charges 24.2 p.c. to \$1,429,068. Express receipts on the other hand, declined 3.3 p.c. to \$2,929,672.

All expense accounts shared in the overall increase to \$189,453,000 from \$174,582,000, aircraft operation and maintenance costs rising 6.2 p.c. to \$115,032,598, ground operation and maintenance charges 6.0 p.c. to \$41,350,781, traffic expenses 22.1 p.c. to \$19,714,092, general administration expenses 20.4 p.c. to \$12,495,042 and general taxes 16.4 p.c. to \$860,246.

Revenue passengers totalled 3,726,603 in 1957, an increase of 405,898 or 12.2 p.c. over the 3,320,705 carried in 1956. Revenue unit toll passengers numbered 3,217,266 as against 2,796,841, while passengers carried in bulk or chartered service aggregated 509,337 versus 523,864. Revenue unit toll passenger miles advanced 17.4 p.c. to 1,738 million from 1,481 million indicating an increase in the average passenger journey.

Total revenue goods carried by air dropped 17.4 p.c. to 256,149,122 lb. from 310,003,135 lb., with freight carried in bulk or chartered service down 21.2 p.c. to 194,456,192 lb. from 246,885,703 lb. in 1956. Express declined 16.9 p.c. to 12,121,369 lb. from 14,594,643 while freight carried in unit toll service at 43,627,912 lb. showed little change from 43,781,833 lb. A new all-time record was established for the volume of mail carried, at 28,263,675 lb. some 14.4 p.c. above last year's record of 25,570,279 lb.

Data are also collected relating to the Canadian operations of foreign carriers. During the year foreign carriers transported into or out of Canada a total of 593,317 passengers, 9,399,322 lb. of freight and 2,149,829 lb. of mail. Comparable figures for the previous year are 553,572 passengers, 9,942,801 lb. of freight and 2,344,007 lb. of mail. Mileage data presented for foreign carriers in this report relate to miles flown over Canadian territory only.

The number of revenue miles flown by aircraft of Canadian carriers increased moderately to 104,699,140 from 101,723,710. Of this total, 64,472,262 miles were flown in unit toll service as against 56,067,785 in 1956, and 36,743,407 miles in bulk transportation service as against 42,369,709 the previous year. Total revenue hours flown, also increased, rising 9.8 p.c. to 742,056 from 734,822; of this total 314,075 hours were flown in unit toll service versus 288,120 in 1956, and 298,941 in bulk transportation service versus 343,316.

A total of \$75,313,556 was earned in salaries and wages by 16,014 employees in 1957, compared with \$65,240,831 earned by 14,848 employees in 1956. The average annual salary paid by the industry increased to \$4,703 from \$4,394, a rise of 7.0 p.c. All classes of employees with the exception of co-pilots, communication operators and mechanics showed increases in number and salary.

Accidents involving Canadian air carriers in 1957 totalled 396 as compared with 262 in 1956, according to a report issued by the Civil Aviation Division, Department of Transport. Fatalities numbered 180 as against 130, there being 135 passengers and 40 pilots lost versus 97 passengers and 26 pilots in 1956.

CHART B

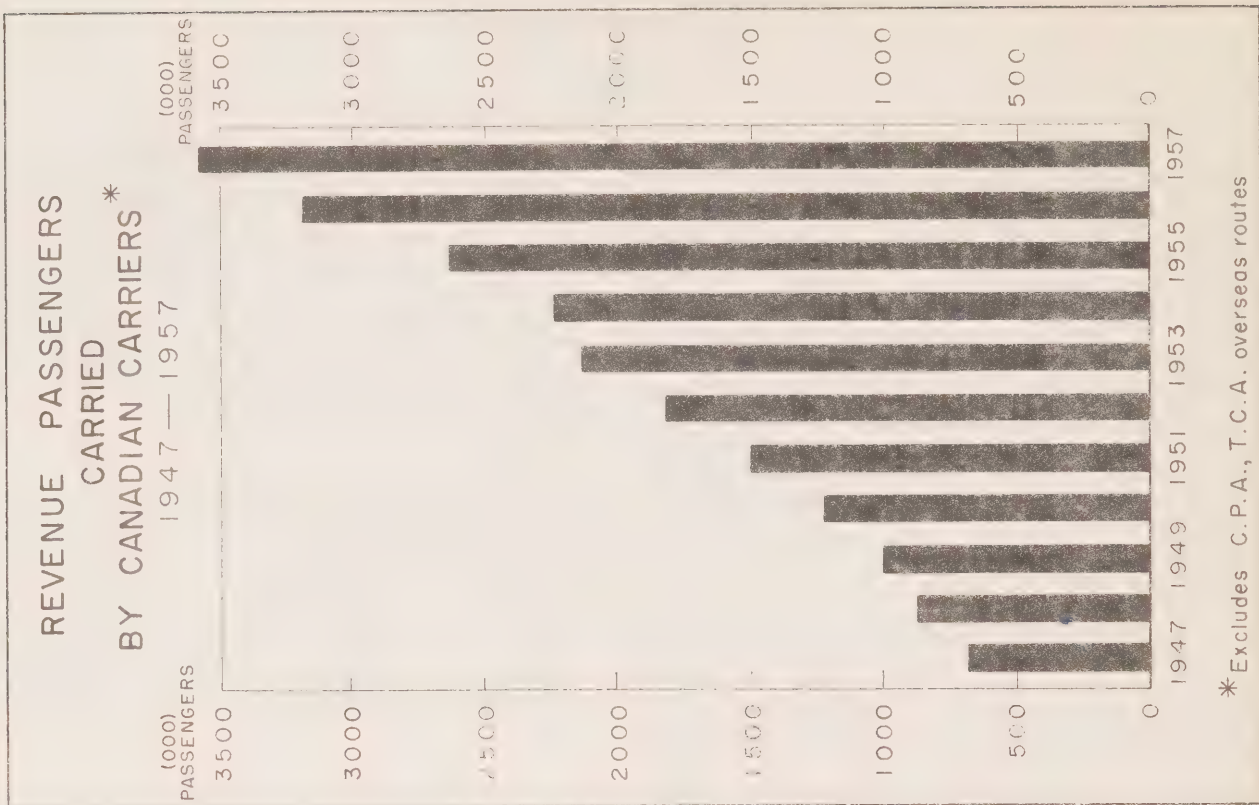


CHART A

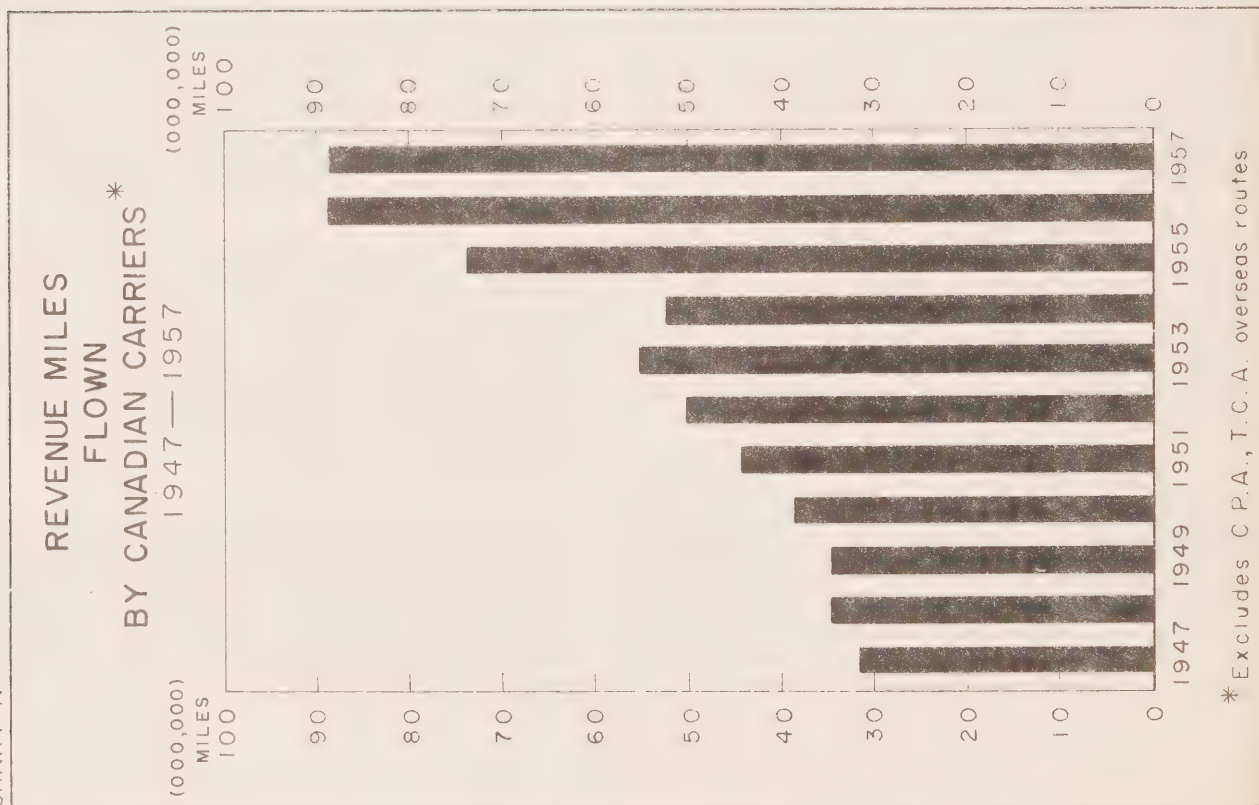
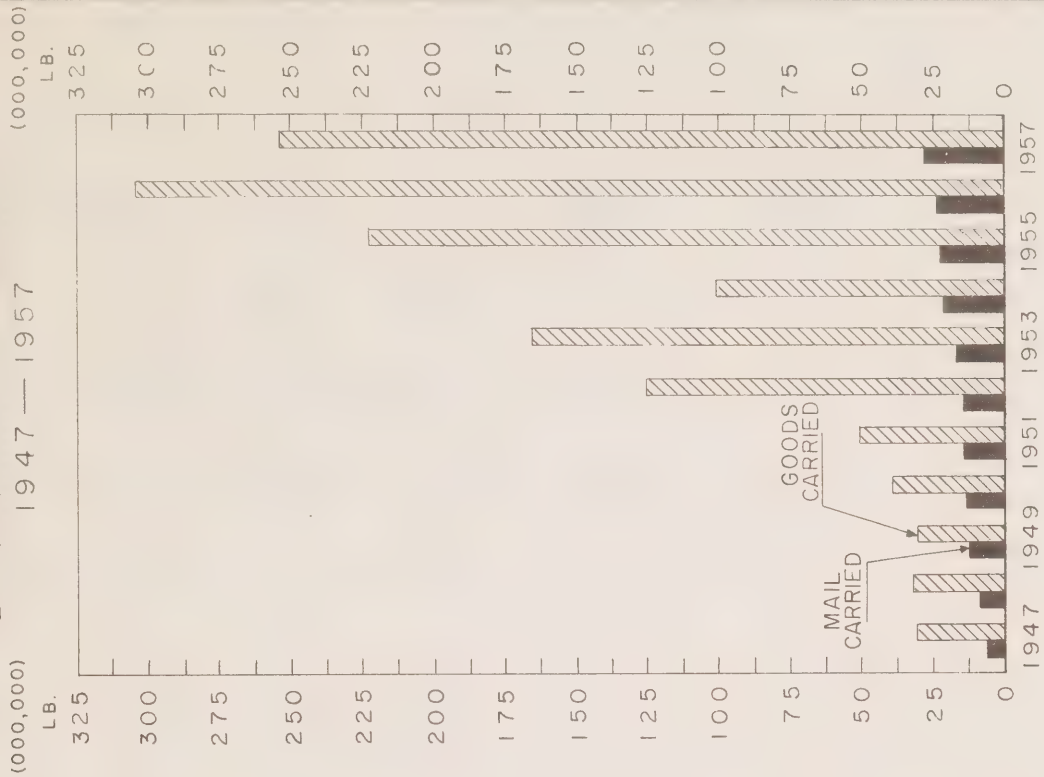


CHART D

REVENUE GOODS AND MAIL CARRIED BY CANADIAN CARRIERS*

1947 — 1957

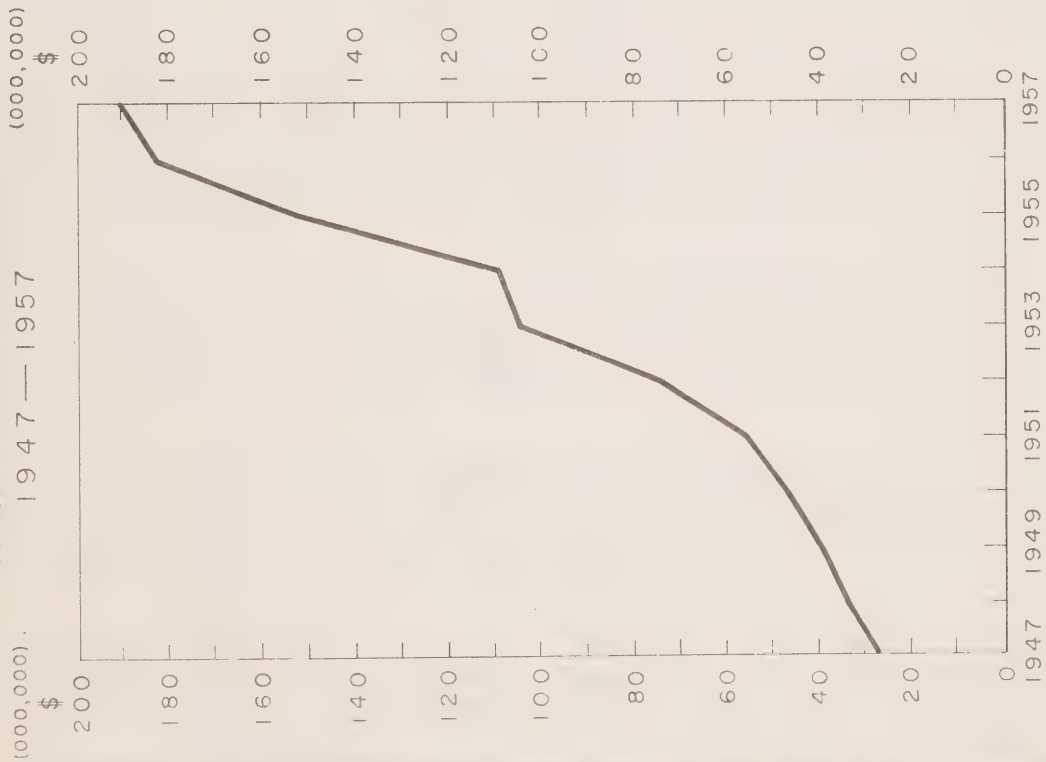


* Excludes C.P.A., T.C.A. overseas routes

CHART C

OPERATING REVENUES OF CANADIAN CARRIERS*

1947 — 1957



* Includes C.P.A., T.C.A. overseas routes

TABLE 1. Statistical Summary of Civil Aviation in Canada, 1952-1957

	1957	1956	1955	1954	1953	1952
Miles flown—Revenue	104,699,140	101,723,710	83,805,304	61,582,481	64,076,912	58,775,340
Hours flown:						
Revenue	742,056	734,822	605,913	472,817	498,891	469,677
Non-revenue	40,760	37,567	31,306	21,516	26,044	22,045
Total	782,816	772,389	637,219	494,333	524,935	491,722
Passengers carried:						
Revenue	4,319,920	3,864,818	3,249,099	2,792,348	2,724,432	2,298,194
Non-revenue	35,554	58,721	54,076	73,199	71,405	62,653
Total	4,355,474	3,923,539	3,303,175	2,865,547	2,795,837	2,360,847
Passenger miles:						
Revenue (Unit toll transportation only)	1,835,183,870	1,547,279,882	1,223,825,448	1,066,805,242	942,269,095	805,642,141
Non-revenue " " " "	71,030,597	61,416,920	57,477,989	49,134,404	45,784,828	33,945,124
Total " " " "	1,906,214,467	1,608,696,802	1,281,303,437	1,115,939,646	988,053,923	839,587,265
Goods carried (lbs.):						
Revenue	264,812,177	319,260,401	233,561,830	109,299,356	177,451,345	135,055,106
Non-revenue	7,079,240	7,639,517	7,121,832	5,714,121	5,268,374	5,679,436
Total	271,891,417	326,899,918	240,683,662	115,013,477	182,719,719	140,734,542
Goods ton miles:						
Revenue (Unit toll transportation only)	24,267,406	22,065,286	18,084,169	14,057,279	11,738,487	10,134,861
Non-revenue " " " "	2,998,061	3,039,907	3,477,194	3,379,895	2,796,334	2,519,711
Total " " " "	27,265,467	25,105,193	21,561,363	17,437,174	14,534,821	12,654,572
Mail carried (lbs.)—Unit toll transportation	31,413,504	27,914,288	26,616,505	24,228,571	20,319,952	18,328,310
Mail ton miles—Unit toll transportation	12,021,927	10,238,458	9,048,610	8,239,855	6,419,077	5,725,178
Fuel consumed:						
Gasoline	gal. 112,769,672	102,836,140	77,938,918	53,164,769	51,817,843	45,542,485
Cost	\$ 35,110,535	33,321,107	25,070,432	17,314,786	16,573,708	12,498,175
Oil	gal. 1,220,680	1,212,361	1,006,154	695,642	649,664	547,501
Cost	\$ 1,205,946	1,215,979	960,154	671,069	614,724	490,258
Average number of employees	16,682	15,411	13,783	12,126	11,105	9,746
Salaries and wages	\$ 78,362,795	67,708,117	57,665,410	48,907,525	43,696,008	36,625,014
Operating revenues:						
Unit toll transportation	136,551,980	118,010,084	97,318,012	84,327,398	75,640,718	66,882,820
Bulk transportation	40,753,733	53,435,589	44,543,258	15,149,492	19,664,102	16,952,037
Other revenue services	12,776,322	10,723,177	10,877,748	9,387,399	8,950,680	6,684,438
Total	190,082,035	182,168,850	152,739,018	108,864,289	104,255,500	90,519,295
Operating expenses:						
Aircraft operation and maintenance	115,032,598	108,268,728	90,504,604	59,984,323	60,618,261	51,099,026
Ground operation and maintenance	41,350,781	39,014,039	32,909,216	27,840,216	25,186,828	21,002,448
Traffic, general administration and taxes	33,069,380	27,299,213	23,240,994	19,162,830	17,154,811	14,653,873
Total	189,452,759	174,581,980	146,654,814	106,987,369	102,959,900	86,755,347
Operating income (or loss)	629,276	7,586,870	6,084,204	1,876,920	1,295,600	3,763,948

TABLE 2. General Balance Sheet of Canadian Scheduled Air Carriers, 1957

	Canadian Pacific Air Lines ¹	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines ¹	Total scheduled carriers
	dollars						
Assets:							
Current assets	8,196,591	2,573,285	2,149,818	171,677	1,525,713	22,305,853	36,922,937
Investments	682,992	783,507	1,788,450	70,575	5,144	17,835	3,348,503
Deferred debits	72,277	15,456	80,162	—	224,478	—	392,373
Special funds	—	—	—	297,251	—	5,670,577	5,967,828
Fixed assets (less depreciation)	25,578,546	3,085,360	4,933,735	1,244,769	2,663,993	63,051,049	100,557,452
Total	34,530,406	6,457,608	8,952,165	1,784,272	4,419,328	91,045,314	147,189,093
Liabilities:							
Current liabilities	7,767,391	2,983,161	3,527,145	385,473	1,449,913	18,888,609	35,001,692
Long term debt	2,000,000	22,097	2,259,042	347,713	1,972,728	52,000,000	58,601,580
Deferred credits	1,029,963	113,271	—	273,077	21,970	2,623,306	4,061,587
Reserves	—	84,661	—	20,000	446,976	6,062,291	6,613,928
Capital stock	22,750,000	15,000	1,454,193	125,558	442,997	5,000,000	29,787,748
Surplus	983,052	3,239,418	1,711,785	632,451	84,744	6,471,108	13,122,558
Total	34,530,406	6,457,608	8,952,165	1,784,272	4,419,328	91,045,314	147,189,093

¹ Includes overseas services.

TABLE 3. General Balance Sheet of Canadian Non-scheduled Air Carriers, 1957

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total non-scheduled
dollars				
Assets:				
Current assets	13,703,943	524,843	313,764	14,542,552
Fixed assets (less depreciation)	15,479,780	1,225,644	972,387	17,677,811
Other assets	1,519,966	173,137	279,359	1,972,462
Total	30,703,689	1,923,626	1,565,510	34,192,825
Liabilities:				
Current liabilities	11,125,677	621,853	330,296	12,077,826
Other liabilities	10,378,338	806,059	568,103	11,752,505
Incorporated companies:				
Capital stock	4,061,138	480,987	358,919	4,901,044
Surplus	5,004,726	Dr. 105,113	22,062	4,921,675
Non-incorporated businesses — net worth	133,810	119,840	286,125	539,775
Total	30,703,689	1,923,626	1,565,510	34,192,825

TABLE 4. Property Account of Selected Canadian Air Carriers as at End of 1957

	Canadian Pacific Air Lines ¹	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Airlines ¹	Total scheduled Air Lines	Class "B" carriers	Grand total
dollars									
Property and equipment:									
Aircraft	13,309,658 ²	1,673,823	2,541,579	571,785	1,286,021	36,972,899	56,355,765	8,738,247	65,094,012
Aircraft engines	3,138,029	324,421	568,243	38,142	541,739	7,912,390	12,522,964	1,749,353	14,272,317
Motor vehicles and floating equip- ment	24,127	33,056	82,496	36,384	33,338	1,286,601	1,496,002	255,523	1,751,525
Aircraft communication equipment ..	—	19,045	124,931	25,928	22,092	1,013,254	1,205,250	—	1,205,250
Communication equipment (ground) ..	—	20,350	45,251	18,271	41,041	89,403	214,316	—	214,316
Miscellaneous flying equipment	1,007,531	12,301	14,863	2,091	4,639	—	1,041,425	531,784	1,573,209
Shop and hangar equipment	269,720	60,919	123,915	47,122	41,316	1,631,026	2,174,018	254,919	2,428,937
Fuel storage and distribution equip- ment	—	78	2,346	—	—	—	2,424	—	2,424
Furniture, fixtures and office equip- ment	75,379	31,653	105,724	39,288	31,625	1,528,037	1,811,706	239,107	2,050,813
Airport lighting equipment	—	—	—	—	—	—	—	—	—
Miscellaneous ground equipment	155,497	17,835	56,941	15,688	—	966,699	1,212,660	280,599	1,493,259
Buildings	2,251,737	884,546	201,160	423,192	653,883	5,463,516	9,878,034	2,790,418	12,668,452
Appraisal increase	—	—	374,889	—	—	—	374,889	—	374,889
Total net value	20,231,678	3,078,027	4,242,338	1,217,891	2,655,694	56,863,825	88,289,453	14,839,950	103,129,403
Additions, retirements, depreciation:									
Cost value of assets:									
At beginning of year	21,393,234	5,876,606	4,078,390	2,242,676	3,047,421	77,431,673	114,070,000	21,654,074	135,724,074
Additions during the year	9,933,816	1,948,429	2,101,072	140,916	765,026	23,347,391	38,236,650	8,270,568	46,507,218
Retirements during year	1,671,907	1,722,483	595,318	364,094	467,024	1,503,832	6,324,658	2,278,838	8,603,496
At end of year	29,655,143	6,102,552	5,584,144	2,019,498	3,345,423	99,275,232	145,981,992	27,645,804	173,627,796
Accrued depreciation:									
At beginning of year	8,882,787	3,010,239	813,277	733,868	1,013,290	37,056,034	51,509,495	9,540,055	61,049,550
Decreases	1,723,928	819,180	126,933	151,143	529,880	1,452,391	4,803,455	304,269	5,107,724
Provision for depreciation — cur- rent year	2,264,606	833,466	655,462	218,882	206,319	6,807,764	10,986,499	3,570,068	14,556,567
At end of year	9,423,465	3,024,525	1,341,806	801,607	689,729	42,411,407	57,692,539	12,805,854	70,498,393
Total net value	20,231,678	3,078,027	4,242,338	1,217,891	2,655,694	56,863,825	88,289,453	14,839,950	103,129,403

¹ Includes overseas services.² C.P.A. aircraft communication equipment data included in aircraft account.

TABLE 5. Statement of Earned Surplus of Selected Canadian Air Carriers, 1957

	Canadian Pacific Air Lines ¹	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines ¹	Total scheduled Air Lines	Class "B" carriers	Grand total
dollars									
Credit balance at beginning of year	1,096,276	2,393,461	548,016	775,716	343,343	6,267,011	11,423,823	4,249,855	15,673,678
Additions:									
Net income for the year	—	518,928	68,063	—	—	404,674	991,665	1,240,829	2,232,494
Miscellaneous credits	1,544,528	133,929	—	80,061	33,764	—	1,792,282	272,217	2,064,499
Total additions	1,544,528	652,857	68,063	80,061	33,764	404,674	2,783,947	1,513,046	4,296,993
Deductions:									
Deficit for the year	1,657,752	—	—	150,442	235,442	—	2,043,636	470,312	2,513,948
Miscellaneous debits	—	104,500	—	69,761	68,134	200,577	442,972	434,391	877,363
Dividends	—	97,500	69,537	3,123	7,287	—	177,447	54,153	231,600
Deductions from net worth	—	—	—	—	—	—	—	26,591	26,591
Total deductions	1,657,752	202,000	69,537	223,326	310,863	200,577	2,664,055	985,447	3,649,502
Credit balance at end of year	983,052	2,844,318	546,542	632,451	66,244	6,471,108	11,543,715	4,777,454	16,321,169

¹ Includes overseas services.

TABLE 6. Operating Statistics of Canadian and Foreign Air Carriers, 1957

		Canadian carriers					Foreign carriers		Grand total all services
		Domestic services		Trans- border services	Atlantic and Pacific services	Total	Trans- border services	Atlantic and Pacific services	
		Scheduled	Non- scheduled						
Miles flown:									
Revenue:									
Unit toll transportation		41,729,039	2,959,770	7,387,017	12,396,436	64,472,262	1,876,264	1,577,061	67,925,587
Bulk transportation		9,369,036	27,184,504	3,569	186,298	36,743,407	2,520	27,626	36,773,553
Total revenue miles flown		51,098,075	30,144,274	7,390,586	12,582,734	101,215,669	1,878,784	1,604,687	104,699,140
Hours flown:									
Revenue:									
Unit toll transportation		213,624	20,546	31,990	47,915	314,075	9,466	6,176	329,717
Bulk transportation		65,874	232,291	16	760	298,941	10	117	299,068
Other flying services		8,734	104,537	—	—	113,271	—	—	113,271
Total revenue		288,232	357,374	32,006	48,675	726,287	9,476	6,293	742,056
Non-revenue		18,648	19,652	279	2,062	40,641	109	10	40,760
Total hours flown		306,880	377,026	32,285	50,737	766,928	9,585	6,303	782,816
Fuel consumed:									
Turbo fuel		gal. 27,682,221	—	1	1,369	27,683,590	—	—	27,683,590
Cost		\$ 4,622,577	—	1	223	4,622,800	—	—	4,622,800
Gasoline		gal. 35,881,670	12,796,731	1	18,219,926	66,898,327	9,509,911 ²	8,679,213 ²	85,087,451
Cost		\$ 13,496,468	5,416,725	1	5,815,644	24,728,837	3,092,038	2,666,860	30,487,735
Oil for turbo aircraft		gal. 8,124	—	1	—	8,124	—	—	8,124
Cost		\$ 123,306	—	1	—	123,306	—	—	123,306
Oil for other aircraft		gal. 545,062	187,682	1	260,130	992,874	115,403 ²	104,279 ²	1,212,556
Cost		\$ 462,454	231,503	1	216,230	910,187	90,520	81,933	1,082,640
Average number of employees		11,699	2,779	1	1,536	16,014	291	377	16,682
Salaries and wages		\$ 55,568,982	12,417,174	1	7,327,400	75,313,556	1,437,409	1,611,830	78,362,795
Average number of aircraft:									
Owned		225	522	1	17	764	Not applicable	Not applicable	764
Leased		21	45	1	—	66			66
Total		246	567	1	17	830			830
Ratio of miles flown to miles scheduled ³ ..		97.2	Not	96.9	99.2	97.6	96.1	97.8	97.6
Revenue passenger load factor — scheduled		67.1	applicable	75.6	59.6	63.6	33.6	52.6	62.0

¹ Included in scheduled domestic services.² Gasoline and oil taken on in Canada.³ Includes miles flown on regular scheduled flights only.

TABLE 7. Transportation Statistics of Canadian and Foreign Air Carriers, 1957

	Canadian carriers					Foreign carriers		Grand total all services
	Domestic services		Trans-border services	Atlantic and Pacific services	Total	Trans-border services	Atlantic and Pacific services	
	Scheduled	Non-scheduled						
Passengers carried:								
Revenue:								
Unit toll transportation	2,324,782	69,124	665,041	158,319	3,217,266	514,281	75,938	3,807,485
Bulk transportation	94,063	412,518	285	2,471	509,337	435	2,663	512,435
Total revenue	2,418,845	481,642	665,326 ¹	160,790	3,726,603	514,716	78,601	4,319,920
Non-revenue	7,001	16,632	²	2,178	25,811	7,863	1,880	35,554
Total passengers carried	2,425,846	498,274	665,326	162,968	3,752,414	522,579	80,481	4,355,474
Passenger miles — Unit toll transportation:								
Revenue	1,064,051,291	9,140,612	225,937,890	438,452,451	1,737,582,244	29,748,486	67,853,140	1,835,183,870
Non-revenue	45,319,353	483,597	3,013,159	20,281,685	69,097,794	746,578	1,186,225	71,030,597
Total passenger miles	1,109,370,644	9,624,209	228,951,049	458,734,136	1,806,680,038	30,495,064	69,039,365	1,906,214,467
Freight carried (lbs.):								
Revenue:								
Unit toll transportation	28,492,468	3,074,662	8,977,813	3,082,969	43,627,912	6,855,781	1,807,274	52,290,967
Bulk transportation	36,544,804	157,911,388	—	—	194,456,192	—	—	194,456,192
Total revenue	65,037,272	160,986,050	8,977,813 ³	3,082,969	238,084,104	6,855,781	1,807,274	246,747,159
Non-revenue	4,350,596	1,280,860	122,476	589,041	6,342,973	391,816	344,451	7,079,240
Total freight carried	69,387,868	162,266,910	9,100,289	3,672,010	244,427,077	7,247,597 ⁴	2,151,725 ⁴	253,826,399
Freight ton miles — Unit toll transportation:								
Revenue	10,295,126	488,881	1,567,127	6,036,038	18,387,172	248,298	620,616	19,256,086
Non-revenue	1,687,068	99,454	20,324	1,038,130	2,844,976	52,183	100,902	2,998,061
Total freight ton miles	11,982,194	588,335	1,587,451	7,074,168	21,232,148	300,481 ⁵	721,518 ⁵	22,254,147
Express carried (lbs.) — Unit toll transportation	9,677,030	747,230	1,697,109 ⁶	—	12,121,369	⁷	⁷	12,121,369
Express ton miles — Unit toll transportation	3,208,247	168,908	294,136	—	3,671,291	⁸	⁸	3,671,291
Excess baggage carried (lbs.) — Unit toll transportation	4,287,556	178,139	1,146,210 ⁹	331,744	5,943,649	⁷	⁷	5,943,649
Excess baggage ton miles — Unit toll transportation	898,190	32,007	14,277	395,555	1,340,029	⁸	⁸	1,340,029
Mail carried (lbs.) — Unit toll transportation	24,474,267	1,640,032	1,864,369	1,285,007	29,263,675	1,458,313	691,516	31,413,504
Mail ton miles — Unit toll transportation	8,662,581	108,363	342,293	2,300,270	11,413,507	52,432	555,988	12,021,927

¹ Includes 72,567 division interline passengers.² Not available.³ Includes 320,018 lbs. division interline freight.⁴ Includes express and excess baggage.⁵ Includes express and excess baggage ton miles.⁶ Includes 35,164 lbs. division interline express.⁷ Included in freight carried.⁸ Included in freight ton miles.⁹ Includes 147,719 lbs. division interline excess baggage.

TABLE 8. Revenues and Expenses of Canadian Air Carriers, 1957¹

	Canadian carriers		
	Scheduled ²	Non-scheduled	Total
	dollars		
Operating revenues:			
Unit toll transportation:			
Passengers	110,963,136	1,332,142	112,295,278
Mail	12,192,480	469,291	12,661,771
Freight	6,854,603	381,588	7,236,191
Express	2,819,384	110,288	2,929,672
Excess baggage	1,380,970	48,098	1,429,068
Total unit toll transportation	134,210,573	2,341,407	136,551,980
Bulk transportation	14,186,739	26,566,994	40,753,733
Other flying services	255,839	7,611,607	7,867,446
Total flying services	148,653,151	36,520,008	185,173,159
Non-flying services	2,561,126	2,347,750	4,908,876
Total operating revenues	151,214,277	38,867,758	190,082,035
Operating expenses:			
Aircraft operation and maintenance	87,501,567	27,531,031	115,032,598
Ground operation and maintenance	35,415,588	5,935,193	41,350,781
Traffic	18,973,478	740,614	19,714,092
General administration	9,016,231	3,478,811	12,495,042
General taxes	753,514	106,732	860,246
Total operating expenses	151,660,378	37,792,381	189,452,759
Operating income (or loss)	Dr. 446,101	1,075,377	629,276
Add non-operating income	1,258,936	364,483	1,623,419
Gross income	812,835	1,439,860	2,252,695
Deduct interest and other income charges	2,156,231	502,915	2,661,146
Net income before income taxes	Dr. 1,345,396	936,945	Dr. 408,451
Deduct provision for income taxes	Cr. 293,423	437,869	144,446
Net income (or deficit) after income taxes	Dr. 1,051,973	499,076	Dr. 552,897
Operating ratio	100.3	97.2	99.7

¹ Revenues and expenses for foreign carriers not available.² Includes Canadian Trans-border, Atlantic and Pacific services.

TABLE 9. Operating Statistics of Domestic Services of Canadian Scheduled Air Carriers, 1957

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Air Lines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Miles scheduled	4,897,992	725,910	658,883 ¹	1,284,901 ¹	158,178	31,218,844	38,944,708
Miles flown:							
Revenue:							
Unit toll transportation	5,662,490	802,460	1,882,110	1,284,901	889,813	31,207,265	41,729,039
Bulk transportation	648,352	3,262,917	3,827,463	44,204	1,507,817	78,283	9,369,036
Total revenue	6,310,842	4,065,377	5,709,573	1,329,105	2,397,630	31,285,548	51,098,075
Non-revenue	195,680	166,898	380,297	73,938	145,656	2,196,202	3,158,671
Total miles flown	6,506,522	4,232,275	6,089,870	1,403,043	2,543,286	33,481,750	54,256,746
Hours flown:							
Revenue:							
Unit toll transportation	35,739	5,425	14,892	8,889	6,790	141,889	213,624
Bulk transportation	4,331	17,439	30,184	302	13,255	363	65,874
Other flying services	—	460	8,264	—	—	10	8,734
Total revenue	40,070	23,324	53,340	9,191	20,045	142,262	288,232
Non-revenue	1,394	1,046	3,146	631	1,102	11,329	18,648
Total hours flown	41,464	24,370	56,486	9,822	21,157	153,591	306,880
Fuel consumed:							
Turbo fuel	gal. —	—	—	—	—	27,682,221	27,682,221
Cost	\$ —	—	—	—	—	4,622,577	4,622,577
Gasoline	gal. 4,879,197	3,507,700	2,358,035	760,755	1,202,122	23,173,861	35,881,670
Cost	\$ 2,279,255	1,207,153	1,030,670	304,303	569,261	8,105,826	13,496,468
Oil for turbo aircraft	gal. —	—	—	—	—	8,124	8,124
Cost	\$ —	—	—	—	—	123,306	123,306
Oil for other aircraft	gal. 53,444	55,505	66,378	13,313	14,495	341,927	545,062
Cost	\$ 48,825	37,783	78,613	13,745	15,835	267,653	462,454
Average number of employees	1,460	390	516	257	261	8,815	11,699
Salaries and wages	\$ 6,546,995	2,252,581	3,094,407	876,936	1,170,161	41,627,902	55,568,982
Average number of aircraft:							
Owned	29	20	63	9	34	70 ²	225
Leased	—	—	21	—	—	—	21
Total	29	20	84	9	34	70 ²	246
Ratio of miles flown to miles scheduled ³	98.3	80.9	100.0	100.0	96.2	97.3	97.2
Revenue passenger load factor—scheduled	56.3	33.2	53.7	45.7	4	69.6	67.1

¹ Estimated.² Includes Trans-border services.³ Includes miles flown on regular scheduled flights only.⁴ Not available.

TABLE 10. Operating Statistics of Domestic Services of Non-scheduled Canadian Air Carriers, 1957

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total
Miles scheduled.....	Not applicable			
Miles flown:				
Revenue:				
Unit toll transportation.....	2,211,354	748,416	—	2,959,770
Bulk transportation.....	22,126,289	3,835,230	1,222,985	27,184,504
Total revenue.....	24,337,643	4,583,646	1,222,985	30,144,274
Non-revenue.....	1	1	1	1
Total miles flown.....	1	1	1	1
Hours flown:				
Revenue:				
Unit toll transportation.....	19,210	1,336	—	20,546
Bulk transportation.....	196,499	23,371	12,421	232,291
Other flying services.....	69,615	17,564	17,358	104,537
Total revenue.....	285,324	42,271	29,779	357,374
Non-revenue.....	14,605	2,669	2,378	19,652
Total hours flown.....	299,929	44,940	32,157	377,026
Fuel consumed:				
Turbo fuel..... gal.	—	—	—	—
Cost..... \$	—	—	—	—
Gasoline..... gal.	12,019,074	546,718	230,939	12,796,731
Cost..... \$	5,039,508	260,835	116,382	5,416,725
Oil for turbo aircraft..... gal.	—	—	—	—
Cost..... \$	—	—	—	—
Oil for other aircraft..... gal.	169,586	13,049	5,047	187,682
Cost..... \$	210,657	13,982	6,864	231,503
Average number of employees.....	2,435	232	112	2,779
Salaries and wages..... \$	11,359,763	749,374	308,037	12,417,174
Average number of aircraft:				
Owned.....	352	95	75	522
Leased.....	27	8	10	45
Total.....	379	103	85	567
Ratio of miles flown to miles scheduled.....	Not applicable			
Revenue passenger load factor—scheduled.....	Not applicable			

¹ Not available.

TABLE 11. Operating Statistics of Atlantic and Pacific Services of Scheduled Canadian Air Carriers, 1957

	T.C.A. Services	C.P.A. Services	Total
Miles scheduled.....	5,439,133	6,872,472	12,311,605
Miles flown:			
Revenue:			
Unit toll transportation.....	5,530,828	6,865,608	12,396,436
Bulk transportation.....	33,318	152,980	186,298
Total revenue.....	5,564,146	7,018,588	12,582,734
Non-revenue.....	168,196	401,543	569,739
Total miles flown.....	5,732,342	7,420,131	13,152,473
Hours flown:			
Revenue:			
Unit toll transportation.....	21,636	26,279	47,915
Bulk transportation.....	124	636	760
Other flying services.....	—	—	—
Total revenue.....	21,760	26,915	48,675
Non-revenue.....	670	1,392	2,062
Total hours flown.....	22,430	28,307	50,737
Fuel consumed:			
Turbo fuel..... gal.	1,369	—	1,369
Cost..... \$	223	—	223
Gasoline..... gal.	8,656,375	9,563,551	18,219,926
Cost..... \$	2,574,828	3,240,816	5,815,644
Oil for turbo aircraft..... gal.	—	—	—
Cost..... \$	—	—	—
Oil for other aircraft..... gal.	153,440	106,690	260,130
Cost..... \$	119,962	96,628	216,590
Average number of employees.....	690	846	1,536
Salaries and wages..... \$	3,227,310	4,100,090	7,327,400
Average number of aircraft:			
Owned.....	8	9	17
Leased.....	—	—	—
Total.....	8	9	17
Ratio of miles flown to miles scheduled ¹	99.1	99.3	99.2
Revenue passenger load factor—scheduled.....	70.2	51.0	59.6

¹ Includes miles flown on regular scheduled flights only.

TABLE 12. Transportation Statistics of Domestic Services of Canadian Scheduled Air Carriers, 1957

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc	Transair Ltd.	Trans- Canada Air Lines	Total
Passengers carried:							
Revenue:							
Scheduled:							
Originated	191,773	32,320	62,726	149,454	6,443	1,457,643	1,900,862
Domestic interline	13,168	3,460	—	—	—	257,624	22,628
Foreign interline	5,801	—	—	—	—	—	263,425
Division interline	—	—	—	—	—	70,196	70,196
Non-scheduled	2,375	2,421	49,765	—	13,110	—	67,671
Total unit toll transportation	213,117	38,701	112,491	149,454	19,556	1,735,463	2,324,782
Bulk transportation	7,063	24,109	42,111	1,370	15,696	3,414	94,063
Total revenue	226,180	62,310	154,602	151,124	35,252	1,788,877	2,418,845
Non-revenue	3,512	398	1,810	769	512	—	7,001
Total passengers carried	229,692	63,208	156,412	151,893	35,764	1,788,877	2,425,846
Passenger miles — Unit toll transportation:							
Revenue	98,035,292	6,701,516	13,514,449	15,070,089	5,562,238	925,167,667	1,064,051,291
Non-revenue	2,637,072	255,831	315,235	157,132	181,464	41,772,619	45,319,353
Total passenger miles	100,672,354	6,957,347	13,829,684	15,227,221	5,743,752	966,940,286	1,109,370,644
Freight carried (lbs.):							
Revenue:							
Scheduled:							
Originated	7,872,305	—	298,930	2,134,844	36,711	13,426,921	23,769,711
Domestic interline	9,394	—	—	—	—	—	9,394
Foreign interline	12,899	—	—	—	—	—	12,899
Division interline	197	—	—	—	—	2,829,311	2,829,508
Non-scheduled	92,297	—	166,350	—	1,512,399	—	1,871,046
Total unit toll transportation	7,987,002	—	465,280	2,134,844	1,649,111	16,256,232	28,492,469
Bulk transportation	1,472,682	15,622,837	6,387,287	348,662	12,438,161	275,175	36,544,804
Total revenue	9,459,684	15,622,837	6,852,567	2,483,506	14,087,272	16,531,407	65,037,273
Non-revenue	554,503	567,074	45,390	—	244,876	2,928,752	4,350,595
Total freight carried	10,024,187	16,189,911	6,897,957	2,483,506	14,332,148	19,460,159	69,387,868
Freight ton miles — Unit toll transportation:							
Revenue	1,903,378	—	53,371	139,831	215,352	7,983,394	10,295,926
Non-revenue	204,219	12,273	5,913	—	5,107	1,459,556	1,687,068
Total freight ton miles	2,107,597	12,273	59,884	139,831	220,459	9,442,950	11,982,994
Express carried (lbs.):							
Revenue:							
Scheduled:							
Originated	1,678,285	1,198,944	—	1,560,611	—	4,722,722	9,160,562
Domestic interline	—	104,063	—	—	—	—	104,063
Foreign interline	—	—	—	—	—	—	—
Division interline	—	—	—	—	—	317,315	317,315
Non-scheduled	5,933	89,157	—	—	—	—	95,090
Total unit toll transportation	1,684,218	1,392,164	—	1,560,611	—	5,040,037	9,577,030
Express ton miles — Unit toll transportation	451,732	367,924	—	107,837	—	2,280,754	3,208,247
Excess baggage carried (lbs.):							
Revenue:							
Scheduled:							
Originated	768,039	73,389	153,260	664,419	14,175	2,156,790	3,830,072
Domestic interline	25,147	—	—	—	—	13,037	38,184
Foreign interline	6,376	—	—	—	—	62,641	69,017
Division interline	—	—	—	—	—	183,574	183,574
Non-scheduled	9,574	27,825	62,292	—	67,018	—	166,709
Total unit toll transportation	809,136	101,214	215,552	664,419	31,193	2,416,042	4,287,556
Excess baggage ton miles — Unit toll transportation ..	230,595	17,009	23,738	61,171	13,965	551,712	898,190
Mail carried (lbs.) — Unit toll transportation	3,050,770	1,209,732	195,292	899,905	401,567	18,717,001	24,474,267
Mail ton miles — Unit toll transportation	759,045	106,335	24,178	40,051	37,289	7,729,405	8,696,303
Available seat miles — scheduled	169,428,267	16,576,573	16,438,718	32,961,363	—	1,328,477,533	1,563,882,754
Available ton miles — scheduled	20,127,501	2,123,355	1,834,358	3,457,007	—	189,787,967	217,330,158

¹ Not available.

TABLE 13. Transportation Statistics of Domestic Services of Canadian Non-scheduled Air Carriers, 1957

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total
Passengers carried:				
Revenue:				
Scheduled:				
Originated				
Domestic interline			Not applicable	
Foreign interline				
Division interline				
Non-scheduled	65,140	3,984	—	69,124
Total unit toll transportation	65,140	3,984	—	69,124
Bulk transportation	340,819	44,482	27,217	412,518
Total revenue	405,959	48,466	27,217	481,642
Non-revenue	9,558	6,526	548	16,632
Total passengers carried	415,517	54,992	27,765	498,274
Passenger miles — Unit toll transportation:				
Revenue	8,567,132	573,480	—	9,140,612
Non-revenue	483,597	—	—	483,597
Total passenger miles	9,050,729	573,480	—	9,624,209
Freight carried (lbs.):				
Revenue:				
Scheduled:				
Originated				
Domestic interline			Not applicable	
Foreign interline				
Division interline				
Non-scheduled	3,074,662	—	—	3,074,662
Total unit toll transportation	3,074,662	—	—	3,074,662
Bulk transportation	152,179,596	4,317,008	1,414,784	157,911,388
Total revenue	155,254,258	4,317,008	1,414,784	160,986,050
Non-revenue	1,183,828	71,075	25,957	1,280,860
Total freight carried	156,438,086	4,388,083	1,440,741	162,266,910
Freight ton miles — Unit toll transportation:				
Revenue	488,881	—	—	488,881
Non-revenue	99,454	—	—	99,454
Total freight ton miles	588,335	—	—	588,335
Express carried (lbs.):				
Revenue:				
Scheduled:				
Originated				
Domestic interline			Not applicable	
Foreign interline				
Division interline				
Non-scheduled	729,426	17,804	—	747,230
Total unit toll transportation	729,426	17,804	—	747,230
Express ton miles — Unit toll transportation	166,813	2,095	—	168,908
Excess baggage carried (lbs.):				
Revenue:				
Scheduled:				
Originated				
Domestic interline			Not applicable	
Foreign interline				
Division interline				
Non-scheduled	151,686	26,453	—	178,139
Total unit toll transportation	151,686	26,453	—	178,139
Excess baggage ton miles — Unit toll transportation	29,372	2,635	—	32,007
Mail carried (lbs.) — Unit toll transportation	1,629,441	10,591	—	1,640,032
Mail ton miles — Unit toll transportation	108,146	217	—	108,363
Available seat miles — Scheduled			Not applicable	
Available ton miles — Scheduled				

TABLE 14. Transportation Statistics of Atlantic and Pacific Services of Canadian Scheduled Air Carriers, 1957

	T. C. A. Services	C. P. A. Services	Total
Passengers carried:			
Revenue:			
Scheduled:			
Originated	106,378	39,055	145,433
Domestic interline	—	2,589	2,589
Foreign interline	—	10,216	10,216
Division interline	81	—	81
Non-scheduled	—	—	—
Total unit toll transportation	106,459	51,860	158,319
Bulk transportation	595	1,876	2,471
Total revenue	107,054	53,736	160,790
Non-revenue	¹	2,178	2,178
Total passengers carried	107,054	55,914	162,968
Passenger miles — Unit toll transportation:			
Revenue	230,777,597	207,674,854	438,452,451
Non-revenue	12,381,001	7,900,684	20,281,685
Total passenger miles	243,158,598	215,575,538	458,734,136
Freight carried (lbs.):			
Revenue:			
Scheduled:			
Originated	2,303,198	399,204	2,702,402
Domestic interline	—	105,261	105,261
Foreign interline	—	270,830	270,830
Division interline	4,108	368	4,476
Non-scheduled	—	—	—
Total unit toll transportation	2,307,306	775,663	3,082,969
Bulk transportation	—	—	—
Total revenue	2,307,306	775,663	3,082,969
Non-revenue	386,058	202,983	589,041
Total freight carried	2,693,364	978,646	3,672,010
Freight ton miles — Unit toll transportation:			
Revenue	3,345,628	2,690,410	6,036,038
Non-revenue	518,374	519,756	1,038,130
Total freight ton miles	3,864,002	3,210,166	7,074,168
Express carried (lbs.):			
Revenue:			
Scheduled:			
Originated	—	—	—
Domestic interline	—	—	—
Foreign interline	—	—	—
Division interline	—	—	—
Non-scheduled	—	—	—
Total unit toll transportation	—	—	—
Express ton miles — Unit toll transportation	—	—	—
Excess baggage carried (lbs.):			
Revenue:			
Scheduled:			
Originated	226,483	82,697	309,180
Domestic interline	—	2,413	2,413
Foreign interline	—	19,583	19,583
Division interline	568	—	568
Non-scheduled	—	—	—
Total unit toll transportation	227,051	104,693	331,744
Excess baggage ton miles — Unit toll transportation	206,767	188,788	395,555
Mail carried (lbs.) — Unit toll transportation	1,113,591	171,416	1,285,007
Mail ton miles — Unit toll transportation	1,783,747	516,523	2,300,270
Available seat miles— Scheduled	328,715,439	407,198,383	735,913,822
Available ton miles — Scheduled	45,727,870	42,655,715	88,383,585

¹ Not available.

TABLE 15. Revenues and Expenses of Canadian Scheduled Air Carriers, 1957

	Canadian Pacific Air Lines ¹	Maritime Central Airways	Pacific Western Air Lines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines ²	Total
	dollars						
Operating revenues:							
Unit toll transportation:							
Passengers	19,978,037	643,549	1,629,306	1,649,293	538,465	86,523,931	110,963,136
Mail	2,028,061	245,618	91,694	64,324	100,198	9,662,585	12,192,430
Freight	2,021,616	—	87,161	148,974	254,616	4,332,236	6,554,603
Express	419,261	208,807	—	131,396	—	2,059,920	2,819,334
Excess baggage	357,488	13,943	31,090	69,055	15,421	893,968	1,380,970
Total unit toll transportation	24,804,463	1,111,922	1,939,751	2,063,047	918,700	103,472,690	134,210,573
Bulk transportation	1,535,946	5,896,490	4,601,347	44,483	1,745,970	277,479	14,152,220
Other flying services	—	53,039	195,124	—	—	2,676	255,939
Total flying services	26,390,409	7,066,451	6,636,722	2,107,535	2,664,670	103,752,845	143,613,632
Non-flying services	256,212	672,628	143,981	16,098	104,019	1,363,737	2,556,675
Total operating revenues	26,646,621	7,739,079	6,780,703	2,123,633	2,768,689	105,116,582	151,175,307
Operating expenses:							
Aircraft operation and maintenance	18,708,033	5,047,257	4,471,353	1,257,613	2,193,469	55,779,867	87,462,597
Ground operation and maintenance	4,732,951	1,016,648	1,331,549	563,545	688,667	27,032,223	35,415,593
Traffic	3,903,881	122,138	336,234	220,525	77,542	14,303,153	13,973,478
General administration	1,908,317	423,944	559,426	184,002	195,094	5,745,448	9,016,231
General taxes	120,433	16,572	9,254	7,813	15,625	583,812	753,514
Total operating expenses	29,378,620	6,626,559	6,707,821	2,233,498	3,175,397	103,499,513	151,621,408
Operating income (or loss)	Dr. 2,731,999	1,112,520	72,982	Dr. 109,865	Dr. 406,708	1,617,069	Dr. 446,101
Add non-operating income	283,417	39,365	246,772	—	319,718	369,164	1,258,936
Gross income	Dr. 2,448,582	1,152,385	319,654	Dr. 109,865	Dr. 96,990	1,986,233	812,835
Deduct interest and other income charges	29,170	106,880	251,591	40,579	148,452	1,581,559	2,158,231
Net income before income taxes	Dr. 2,477,752	1,045,505	68,063	Dr. 150,444	Dr. 235,442	404,674	Dr. 1,345,396
Deduct provision for income taxes	Cr. 820,000	526,577	—	—	—	—	Cr. 293,423
Net income (or deficit after income taxes)	Dr. 1,657,752	518,928	68,063	Dr. 150,444	Dr. 235,442	404,674	Dr. 1,051,973
Operating ratio	110.3	35.6	93.9	105.2	114.7	98.5	100.3

¹ C.P.A. consolidated financial statement, includes: Domestic and Pacific services.² T.C.A. consolidated financial statement, includes: Domestic, Trans-border and Atlantic services.

TABLE 16. Revenues and Expenses of Domestic Services of Canadian Non-scheduled Air Carriers, 1957

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total
	dollars			
Operating revenues:				
Unit toll transportation:				
Passengers	1,223,643	102,453	6,046	1,332,142
Mail	465,325	3,966	—	469,291
Freight	377,668	3,920	—	381,588
Express	110,288	—	—	110,288
Excess baggage	42,241	5,857	—	48,098
Total unit toll transportation	2,219,165	116,196	6,046	2,341,407
Bulk transportation	24,684,813	1,328,429	553,752	26,566,994
Other flying services	6,862,969	379,370	369,268	7,611,607
Total flying services	33,766,947	1,823,995	929,066	36,520,008
Non-flying services	2,015,200	156,627	175,923	2,347,750
Total operating revenues	35,782,147	1,980,622	1,104,989	38,867,758
Operating expenses:				
Aircraft operation and maintenance	25,342,770	1,473,047	715,214	27,531,031
Ground operation and maintenance	5,452,310	335,213	147,665	5,935,193
Traffic	676,925	27,831	35,853	740,614
General administration	3,078,255	256,903	143,653	3,478,811
General taxes	103,834	Cr. 2,010	4,908	106,732
Total operating expenses	34,654,094	2,090,989	1,047,298	37,792,381
Operating income (or loss)	1,128,053	Dr. 110,367	57,691	1,075,377
Add non-operating income	343,639	3,754	12,040	364,483
Gross income	1,471,742	Dr. 101,613	69,731	1,439,860
Deduct interest and other income charges	462,739	18,831	21,295	502,915
Net income before income taxes	1,008,953	Dr. 120,444	48,436	936,945
Deduct provision for income taxes	423,179	7,587	2,103	437,869
Net income (or deficit) after income taxes	580,774	Dr. 128,031	46,333	499,076
Operating ratio	96.8	105.6	94.8	97.2

TABLE 17. Employees, Salaries and Wages of Canadian and Foreign Air Carriers, 1957

Canadian carriers	Employees	Salaries and wages	Companies	Employees	Salaries and wages
		\$			\$
General officers	994	7,584,724	Canadian Pacific Air Lines ¹	2,306	10,647,085
Clerks and stenographers	2,044	6,893,934	Maritime Central Airways	390	2,252,581
Pilots	1,615	13,683,938	Pacific Western Airlines	516	3,094,407
Co-pilots	285	1,651,277	Quebecair Inc.	257	876,936
Despatchers	198	1,008,272	Transair Ltd.	261	1,170,161
Communication operators	867	2,963,214	Trans-Canada Air Lines ¹	9,505	44,855,212
Stewards or other attendants	692	2,570,394	Total Scheduled	13,235	62,896,382
Air engineers	996	5,634,756	Class "B" carriers	2,435	11,359,763
Mechanics	3,040	13,752,169	Class "C" carriers	232	749,374
Airport employees	2,382	8,855,476	Class "D" carriers	112	308,037
Stores employees	438	1,557,844	Total Canadian	16,014	75,313,556
Other employees	2,463	9,157,558	Foreign carriers:		
Total	16,014	75,313,556	Trans-border services	291	1,437,409
			Atlantic and Pacific services	377	1,611,830
			Total carriers	16,682	78,362,795

¹ Includes Overseas Services.TABLE 18. Accidents Involving Canadian Air Carriers, 1953-1957¹

	1957 ²	1956	1955	1954	1953		1957 ²	1956	1955	1954	1953
Casualties:						Number of aircraft accidents	396	262	264	201	174
Pilot:						Type of flying:					
Fatal	40	26	40	18	25	Instructional	12	6	6	2	1
Serious	30	13	17	7	6	Practice	48	26	7	1	3
Minor	14	13	13	5	—	Private	230 ³	151 ³	152 ³	108	88
Crew:						Scheduled	4 ³	3 ³	2 ³	4	7
Fatal	5	7	2	2	6	Non-scheduled	154 ³	106 ³	107 ³	76	71
Serious	—	1	—	3	2	State	8 ³	2 ³	3 ³	1	1
Minor	1	—	1	1	1	Other (including ferry, test, etc.) ...	5	4	5	9	5
Passengers:						Probable cause (per cent):					
Fatal	135	97	42	47	43	Personnel	73.2	74.8	51.9	52.3	50.0
Serious	13	18	26	17	11	Material failure	12.8	14.6	19.7	20.9	20.7
Minor	11	18	16	17	10	Weather	2.3	1.5	7.6	7.9	5.2
Other:						Aerodrome terrain or water	3.1	5.3	11.0	12.9	12.6
Fatal	—	—	2	3	—	Miscellaneous	3.1	—	2.3	2.0	4.0
Serious	5	—	1	—	2	Undetermined	5.5	3.8	7.5	4.0	7.5
Minor	1	1	—	—	1						
Operational phase:											
Starting	5	—	4	1	7						
Taxiing	30	16	30	28	6						
Take-off	78	36	56	37	37						
Flight	85	46	41	31	42						
Landing	195	163	127	101	81						
Other	3	1	6	3	1						

¹ As reported by Civil Aviation Division, Department of Transport.² Subject to revision.³ Includes instructional, practice, and other flying accidents.TABLE 19. Personnel and Airport Licences Issued and Aircraft Registered as of December 31, 1957¹

Personnel	In force December 31, 1957	In force December 31, 1956 ²	Aircraft registered	Total December 31, 1957	Total December 31, 1956
Pilots:			Commercial	1,826	1,700
Glider	287	246	Private	2,004	1,684
Private	7,832	6,580	State	175	157
Commercial (old type)	—	—	Grand total	4,005	3,541
Commercial	2,411	2,145			
Senior commercial	399	380			
Transport	—	—	Airports		
Airline transport	968	831			
Air navigators	101	77		In force December 31, 1957	In force December 31, 1956
Air traffic controllers	565	416			
Flight engineers	43	33			
Aircraft maintenance engineers	1,916	1,747		550	519

¹ As reported by Civil Aviation Division, Department of Transport.² Revised.

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CIVIL AVIATION

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SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures are not applicable.
- Nil or zero.

CIVIL AVIATION

1958

Canadian air carriers reported an operating income of \$1,435,711 in 1958, more than double the income of \$629,276 recorded in 1957. Operating revenues increased 6.1 p.c. to \$201,713,936 from \$190,043,065 while operating expenses were up by 5.7 p.c. to \$200,278,225 from \$189,413,789 in the previous year. Scheduled airlines reported an operating income of \$36,497 as against an operating loss of \$446,101 in 1957 while non scheduled airlines showed an increase of 30.1 p.c. rising to \$1,399,214 from \$1,075,377.

The total operating revenues of \$201,713,936 included \$156,589,429 produced by unit toll services, up 14.7 p.c. from \$136,551,980 in 1957, and \$29,896,573 from bulk transportation or chartered services, down 26.6 p.c. from \$40,719,214 reported one year earlier. Other flying services accounted for \$10,129,753 as against \$7,867,446 in 1957 while revenue from non-flying services amounted to \$5,098,181 as compared with \$4,904,425. Revenue from passenger fares continued to be the principal source of income, rising 16.8 p.c. to \$131,166,995 from \$112,295,278 in 1957. Mail receipts rose 2.5 p.c. to \$12,981,569, earnings from freight carried in unit toll service 7.4 p.c. to \$7,773,368, excess baggage charges 7.7 p.c. to \$1,538,533, and express receipts 6.8 p.c. to \$3,128,964.

All expense accounts showed substantial increases over the previous year. Aircraft operation and maintenance costs rose to \$118,822,770 from \$114,993,628, ground operation and maintenance charges to \$43,189,511 from \$41,350,781, traffic expenses to \$22,283,217 from \$19,714,092, general administration costs to \$15,076,308 from \$12,495,042 and general taxes to \$906,419 from \$860,246.

A total of 4,022,937 revenue passengers were carried during 1958 as compared with 3,726,603 in the previous year, an increase of 296,334 or 8.0 p.c. Revenue unit toll passengers numbered 3,599,365 compared with 3,217,266 and revenue unit toll passenger miles increased by 17.2 p.c. to 2,036,163,546 from 1,737,582,244. An additional 423,572 persons were flown in bulk or charter service as compared with 509,337 during 1957.

Revenue goods transported by air aggregated 191,767,036 lbs. of which 63,761,034 lbs. were

carried in unit toll services and 128,006,002 lbs. in bulk or charter service. Goods carried in unit toll services consisted of 44,235,982 lbs. of freight, 13,620,243 lbs. of express and 5,904,809 lbs. of excess baggage. Freight was the only type of cargo flown in charter service. A new all-time high was established for the volume of mail transported, which at 31,387,841 lbs. exceeded last year's record of 29,263,675 lbs. by 7.3 p.c.

Transportation statistics for all services include foreign carriers in both trans-border service and Atlantic and Pacific services. During the year under review these carriers transported 532,314 revenue passengers, 8,621,276 lbs. of revenue freight and 2,240,172 lbs. of mail. Comparable figures for the previous year are 593,317 revenue passengers, 8,663,055 lbs. of revenue freight and 2,149,829 lbs. of mail. The mileage shown for these foreign carriers represents miles flown over Canadian territory only.

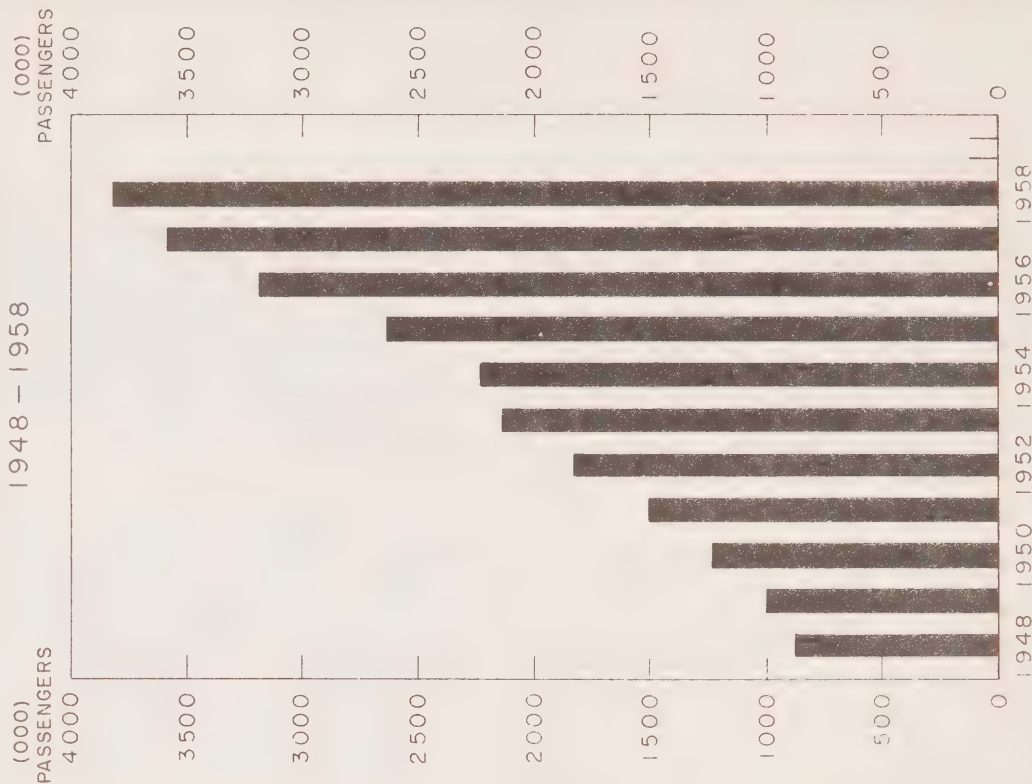
During 1958, Canadian carriers flew a total of 69,438,086 miles in revenue unit toll transportation, requiring 323,972 hours of flying time. This compares with 64,472,262 miles and 314,075 hours in 1957. An additional 26,372,480 miles were flown in 233,380 hours in bulk or charter services, a considerable decrease from the 36,743,407 miles and 298,941 hours flown in the previous year.

Employees engaged in the industry during 1958 numbered 15,990 and earned salaries and wages of \$80,235,145 as compared with 16,014 employees earning \$75,313,556 in 1957. Average earnings were thus 6.7 p.c. above the previous year rising to \$5,018 from \$4,703. All classes of personnel with the exception of general officers, stewards or other attendants, and other employees decreased in number. In contrast salaries increased for all classes with the exception of co-pilots and dispatchers.

Accidents involving Canadian air carriers in 1958 totalled 355 compared with 396 in 1957 according to a report issued by the Civil Aviation Branch of the Department of Transport. The number of fatalities dropped to 51 from 180, as 30 pilots and 21 passengers were killed as against 40 pilots, 5 crew and 135 passengers in 1957.

CHART B

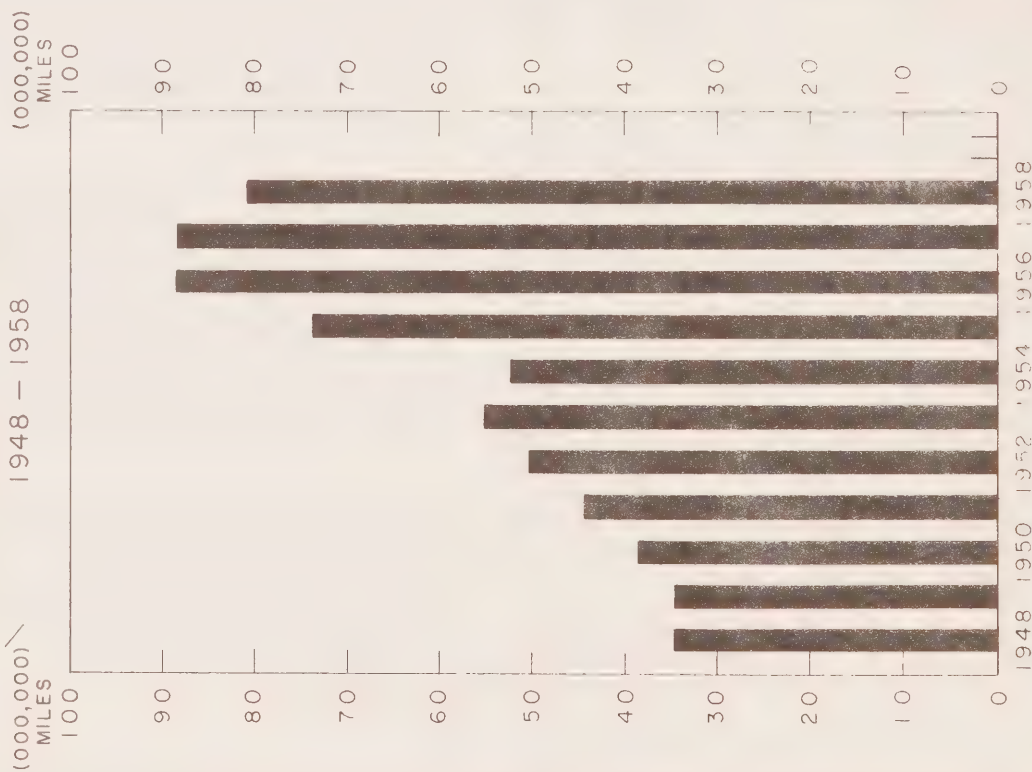
REVENUE PASSENGERS CARRIED BY CANADIAN CARRIERS *



* Excludes C.P.A., T.C.A. overseas routes

CHART A

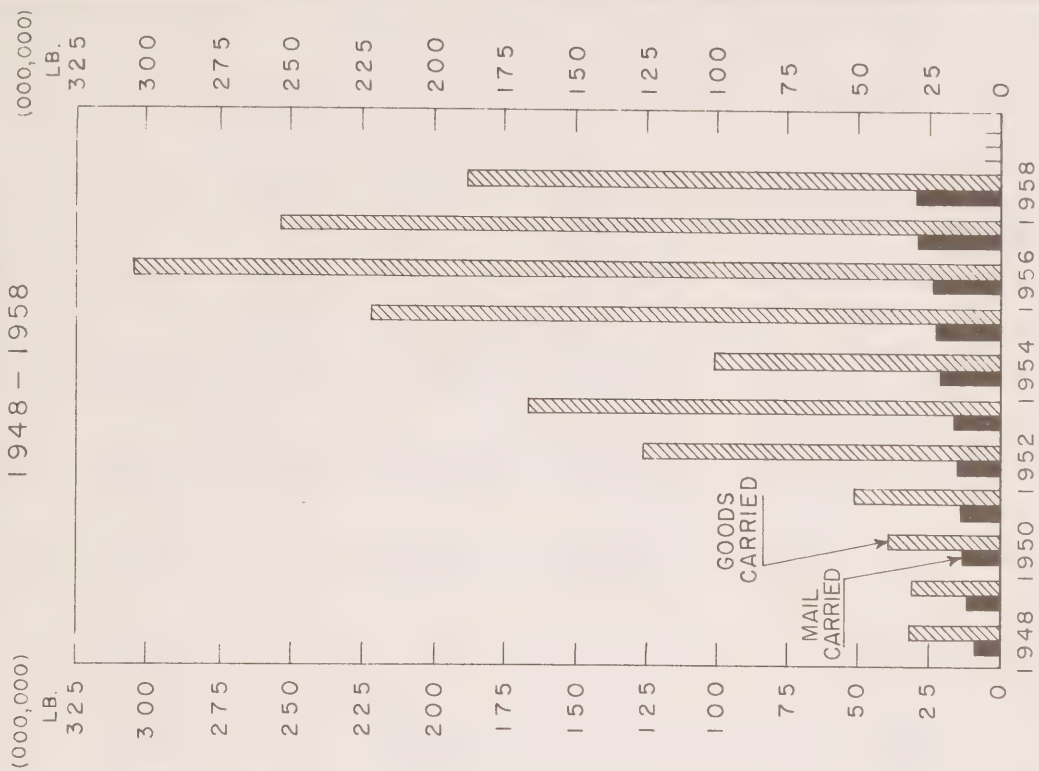
REVENUE MILES FLOWN BY CANADIAN CARRIERS *



* Excludes C.P.A., T.C.A. overseas routes

CHART D

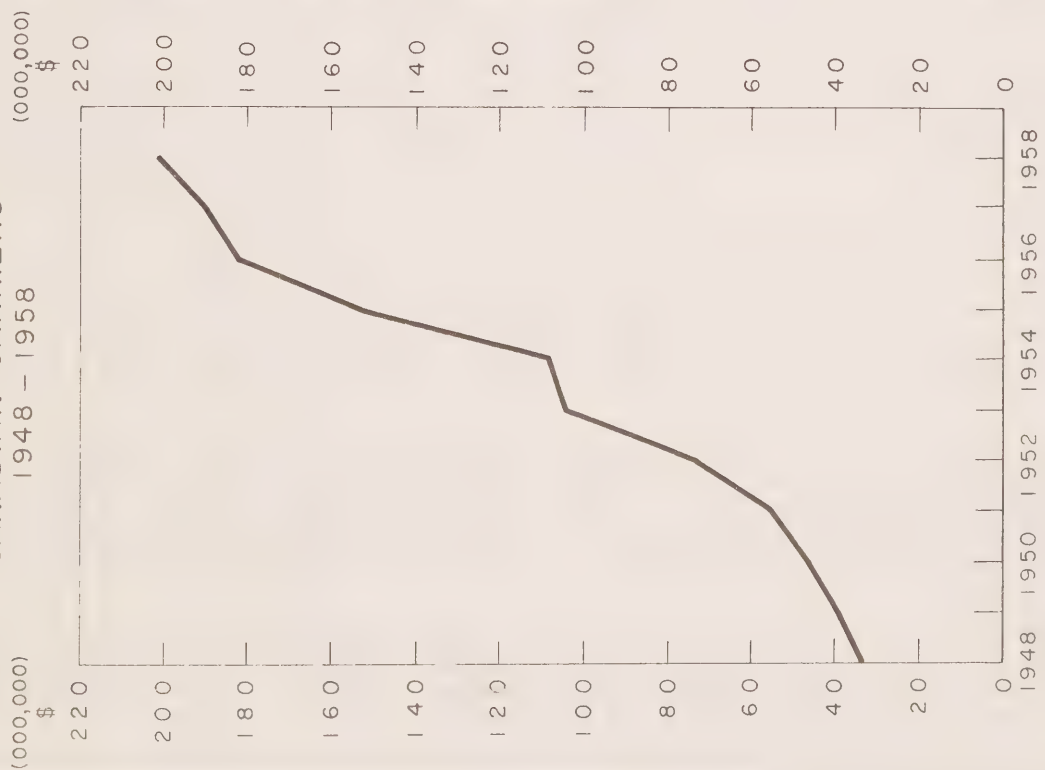
REVENUE GOODS AND MAIL CARRIED BY CANADIAN CARRIERS *



* Excludes C.P.A., T.C.A. overseas routes.

CHART C

OPERATING REVENUES OF CANADIAN CARRIERS *



* Includes C.P.A., T.C.A. overseas routes

TABLE 1. Statistical Summary of Civil Aviation in Canada, 1953 - 1958

	1958	1957	1956	1955	1954	1953
Miles flown—Revenue	99,858,279	104,699,140	101,723,710	83,805,304	61,582,481	64,076,912
Hours flown:						
Revenue	709,337	742,056	734,822	605,913	472,817	498,891
Non-revenue	35,458	40,760	37,567	31,306	21,516	26,044
Total	744,795	782,816	772,389	637,219	494,333	524,935
Passengers carried:						
Revenue	4,555,251	4,319,920	3,864,818	3,249,099	2,792,348	2,724,432
Non-revenue	23,317	35,554	58,721	54,076	73,199	71,405
Total	4,578,568	4,355,474	3,923,539	3,303,175	2,865,547	2,795,837
Passenger miles:						
Revenue (Unit toll transportation only)	2,142,276,186	1,835,183,870	1,547,279,882	1,223,825,448	1,066,805,242	942,269,095
Non-revenue	86,663,863	71,030,597	61,416,920	57,477,989	49,134,404	45,784,828
Total	2,228,940,049	1,906,214,467	1,608,696,802	1,281,303,437	1,115,939,646	988,053,923
Goods carried (lbs.):						
Revenue	200,388,312	264,812,177	319,260,401	233,561,830	109,299,356	177,451,345
Non-revenue	6,462,608	7,079,240	7,639,517	7,121,832	5,714,121	5,268,374
Total	206,850,920	271,891,417	326,899,918	240,683,662	115,013,477	182,719,719
Goods ton miles:						
Revenue (Unit toll transportation only)	26,447,626	24,268,206	22,065,286	18,084,169	14,057,279	11,738,487
Non-revenue	3,433,553	2,998,061	3,039,907	3,477,194	3,379,895	2,796,334
Total	29,881,179	27,266,267	25,105,193	21,561,363	17,437,174	14,534,821
Mail carried (lbs.)—Unit toll transportation	33,628,013	31,413,504	27,914,288	26,616,505	24,228,571	20,319,952
Mail ton miles—Unit toll transportation	13,037,645	12,055,649	10,238,458	9,048,610	8,239,855	6,419,077
Fuel consumed:						
Gasoline	gal. 128,051,496	112,769,672	102,836,140	77,938,918	53,164,769	51,817,843
Cost	\$ 33,762,205	35,110,535	33,321,107	25,070,432	17,314,786	16,573,708
Oil	gal. 1,140,092	1,220,680	1,212,361	1,006,154	695,642	649,664
Cost	\$ 1,392,277	1,205,946	1,215,979	960,154	671,069	614,724
Average number of employees	16,664	16,682	15,411	13,783	12,126	11,105
Salaries and wages	\$ 83,474,463	78,362,795	67,708,117	57,665,410	48,907,525	43,696,008
Operating revenues:						
Unit toll transportation	156,589,429	136,551,980	118,010,084	97,318,012	84,327,398	75,640,718
Bulk transportation	29,896,573	40,719,214	53,435,589	44,543,258	15,149,492	19,664,102
Other revenue services	15,227,934	12,771,871	10,723,177	10,877,748	9,387,399	8,950,680
Total	201,713,936	190,043,065	182,168,850	152,739,018	108,864,289	104,255,500
Operating expenses:						
Aircraft operation and maintenance	118,822,770	114,993,628	108,268,728	90,504,604	59,984,323	60,618,261
Ground operation and maintenance	43,189,511	41,350,781	39,014,039	32,909,216	27,840,216	25,186,828
Traffic, general administration and taxes	38,265,944	33,069,380	27,299,213	23,240,994	19,162,830	17,154,811
Total	200,278,225	189,413,789	174,581,980	146,654,814	106,987,369	102,959,900
Operating income (or loss)	1,435,711	629,276	7,586,870	6,084,204	1,876,920	1,295,600

TABLE 2. General Balance Sheet of Canadian Scheduled Air Carriers, 1958

	Austin Airways	Canadian Pacific Air Lines ¹	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans-Canada Air Lines ¹	Total scheduled carriers
	dollars							
Assets:								
Current assets	231,946	9,625,519	2,217,803	1,843,600	377,296	1,170,448	24,343,801	39,810,413
Investments	5,000	252,651	1,782,842	1,401,710	2,075	5,144	11,315	3,460,737
Deferred debits	10,500	1,697,235	15,456	101,605	—	212,081	—	2,036,877
Special funds	—	—	—	—	—	—	6,000,000	6,000,000
Fixed assets (less depreciation)	272,320	44,658,537	2,630,485	4,190,869	2,580,689	2,326,910	88,711,286	145,371,096
Total	519,766	56,233,942	6,646,586	7,537,784	2,960,060	3,714,583	119,066,402	196,679,123
Liabilities:								
Current liabilities	233,089	12,387,402	1,502,984	1,787,767	363,874	948,274	15,044,281	32,267,671
Long term debt	90,563	20,677,446	2,007,920	2,205,629	1,272,478	1,902,254	83,100,000	111,256,290
Deferred credits	—	1,380,746	90,399	—	—	48,434	3,233,007	4,752,586
Reserves	—	—	50,000	117,476	9,558	492,707	6,000,000	6,669,741
Capital stock	26,300	22,750,000	15,000	1,454,194	124,608	443,756	5,000,000	29,813,858
Surplus	169,814	Dr. 961,652	2,980,283	1,972,718	1,189,542	Dr. 120,842	6,689,114	11,918,977
Total	519,766	56,233,942	6,646,586	7,537,784	2,960,060	3,714,583	119,066,402	196,679,123

¹ Includes overseas services.

TABLE 3. General Balance Sheet of Canadian Non-scheduled Air Carriers, 1958

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total non-scheduled
dollars				
Assets:				
Current assets	13,493,018	729,596	262,662	14,485,276
Fixed assets (less depreciation)	16,003,742	2,096,179	847,385	18,947,306
Other assets	1,525,323	301,335	186,142	2,012,800
Total	31,022,083	3,127,110	1,296,189	35,445,382
Liabilities:				
Current liabilities	11,521,593	1,150,178	291,950	12,963,721
Other liabilities	9,329,721	1,390,078	283,388	11,003,187
Incorporated companies:				
Capital stock	4,667,580	655,511	287,228	5,610,319
Surplus	4,977,985	Dr. 207,420	24,785	4,795,350
Non-incorporated businesses—Net worth	525,204	133,763	408,838	1,072,805
Total	31,022,083	3,127,110	1,296,189	35,445,382

TABLE 4. Property Account of Selected Canadian Air Carriers as at End of 1958

	Austin Airways	Canadian Pacific Air Lines ¹	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Airlines ¹	Total scheduled air lines	Class "B" carriers	Grand total
dollars										
Property and equipment:										
Aircraft	199,701	29,179,529	1,128,729	2,193,664	1,803,705	1,060,261	48,488,366	84,053,955	8,472,465	92,526,420
Aircraft engines	—	8,630,562	410,908	513,833	126,825	516,349	9,414,644	19,613,121	1,406,953	21,020,074
Motor vehicles and floating equip- ment	12,548	15,314	38,877	54,658	28,657	22,381	1,324,807	1,497,242	246,110	1,743,352
Aircraft communication equipment	—	908,967	32,986	100,580	103,080	17,829	1,278,418	2,441,860	—	2,441,860
Communication equipment (ground)	7,869	—	13,873	39,557	13,092	31,126	84,714	190,231	—	190,231
Miscellaneous flying equipment ..	—	1,723,693	8,034	9,574	2,342	2,783	—	1,746,426	611,099	2,357,525
Shop and hangar equipment	2,181	309,750	51,188	116,086	110,374	36,359	1,572,218	2,198,156	342,389	2,540,545
Fuel storage and distribution equipment	—	—	63	2,298	—	—	—	2,361	—	2,361
Furniture, fixtures and office equipment	4,316	114,965	32,680	96,433	40,754	26,181	1,622,935	1,938,264	269,672	2,207,936
Airport lighting equipment	5,089	—	—	—	—	—	—	5,089	—	5,089
Miscellaneous ground equipment ..	6,633	1,358,676	18,000	53,536	13,356	—	1,042,925	2,487,126	410,403	2,897,529
Buildings	32,633	2,413,030	887,766	191,564	314,504	605,342	6,207,047	10,651,886	3,205,827	13,857,713
Appraisal increase	—	—	—	127,689	—	—	—	127,689	—	127,689
Total net value	264,970	44,654,486	2,623,104	3,499,472	2,556,689	2,318,611	71,036,074	126,953,406	14,964,918	141,918,324
Additions, retirements, depreciation:										
Cost value of assets:										
At beginning of year	1,007,088	29,655,143	6,102,552	5,584,144	2,019,497	3,345,423	99,275,232	146,989,079	27,276,408	174,265,487
Additions during the year	33,703	27,397,053	3,163,594	289,527	984,036	35,954	24,817,770	56,721,637	4,315,519	61,037,156
Retirements during year	89,385	823,496	2,772,971	429,726	—	287,207	3,187,322	7,590,107	3,100,755	10,690,862
At end of year	951,406	56,228,700	6,493,175	5,443,945	3,003,533	3,094,170	120,905,680	196,120,609	28,491,172	224,611,781
Accrued depreciation:										
At beginning of year	728,999	9,423,465	3,024,525	1,341,806	801,607	689,729	42,411,407	58,421,538	12,101,789	70,523,327
Decreases	42,563	750,785	307,715	140,325	354,763	124,855	2,461,843	4,182,849	1,734,750	5,917,599
Provision for depreciation — Current year	—	2,901,534	1,153,261	742,992	—	210,685	9,920,042	14,928,514	3,159,215	18,087,729
At end of year	686,436	11,574,214	3,870,071	1,944,473	446,844	775,559	49,869,606	69,167,203	13,526,254	82,693,457
Total net value	264,970	44,654,486	2,623,104	3,499,472	2,556,689	2,318,611	71,036,074	126,953,406	14,964,918	141,918,324

¹ Includes overseas services.

TABLE 5. Statement of Earned Surplus of Selected Canadian Air Carriers, 1958

	Austin Airways	Canadian Pacific Air Lines ¹	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans-Canada Air Lines ¹	Total scheduled air lines	Class "B" carriers	Grand total
	dollars									
Credit balance at beginning of year	178,073	983,052	2,844,318	546,542	604,654	66,244	6,471,108	11,693,991	3,167,507	14,861,498
Additions:										
Net income for the year	—	—	—	650,384	—	—	547,429	1,197,813	1,456,105	2,653,918
Miscellaneous credits	24,198	411,828	726,828	—	606,960	—	—	1,769,814	564,208	2,334,022
Total additions	24,198	411,828	726,828	650,384	606,960	—	547,429	2,967,627	2,020,313	4,987,940
Deductions:										
Deficit for the year	48,335	2,356,532	893,953	—	45,553	160,262	—	3,504,635	829,987	4,334,622
Miscellaneous debits	27,906	—	2,010	26,061	1,424	26,824	329,423	413,648	396,965	810,613
Dividends	26,300	—	90,000	69,537	2,892	—	—	188,729	142,945	331,674
Deductions from net worth	—	—	—	—	—	—	—	—	—	—
Total deductions	102,541	2,356,532	985,963	95,598	49,869	187,086	329,423	4,107,012	1,369,897	5,476,909
Credit balance at end of year	99,730	Dr. 961,652	2,585,183	1,101,328	1,161,745	Dr. 120,842	6,689,114	10,554,606	3,817,923	14,372,529

¹ Includes overseas services.

TABLE 6. Operating Statistics of Canadian and Foreign Air Carriers, 1958

	Canadian carriers					Foreign carriers		Grand total all services
	Domestic services		Trans-border services	Atlantic and Pacific services	Total	Trans-border services	Atlantic and Pacific services	
	Scheduled	Non-scheduled						
Miles flown:								
Revenue:								
Unit toll transportation	43,415,725	2,919,108	8,303,048	14,800,205	69,438,086	1,825,368	2,180,140	73,443,594
Bulk transportation	5,623,912	20,506,185	7,432	234,951	26,372,480	8,995	33,210	26,414,685
Total revenue miles flown	49,039,637	23,425,293	8,310,480	15,035,156	95,810,566	1,834,363	2,213,350	99,858,279
Hours flown:								
Revenue:								
Unit toll transportation	208,126	23,316	35,728	56,802	323,972	8,233	7,996	340,201
Bulk transportation	43,541	188,858	39	942	233,380	36	133	233,549
Other flying services	8,855	126,732	—	—	135,587	—	—	135,587
Total revenue	260,522	338,906	35,767	57,744	692,939	8,269	8,129	709,337
Non-revenue	14,238	17,928	301	2,960	35,427	31	—	35,458
Total hours flown	274,760	356,834	36,068	60,704	728,366	8,300	8,129	744,795
Fuel consumed:								
Turbo fuel	gal. 41,850,454	—	¹	2,843,923	44,694,377	390,488	2,329,656	47,414,521
Cost	\$ 6,453,580	—	¹	517,376	6,970,956	63,308	330,334	7,364,598
Gasoline	gal. 30,298,012	9,891,384	¹	21,234,747	61,424,143	9,800,220 ²	9,412,612 ²	80,636,975
Cost	\$ 10,282,630	4,555,510	¹	6,044,497	20,882,637	3,007,538	2,507,432	26,397,607
Oil for turbo aircraft	gal. 13,230	—	¹	906	14,136	1	9,071	23,208
Cost	\$ 203,931	—	¹	13,497	217,428	6	92,765	310,199
Oil for other aircraft	gal. 441,707	145,254	¹	296,183	883,144	140,975 ²	122,309 ²	1,116,884
Cost	\$ 409,788	181,983	¹	242,732	834,503	125,266	100,137	1,082,078
Average number of employees	11,961	2,410	¹	1,619	15,990	283	391	16,664
Salaries and wages	\$ 59,644,767	11,748,030	¹	8,842,348	80,235,145	1,448,513	1,790,805	83,474,463
Average number of aircraft:								
Owned	239	697	¹	24	960	...	...	960
Leased	16	67	¹	—	83	...	...	83
Total	255	764	¹	24	1,043	...	...	1,043
Ratio of miles flown to miles scheduled ³	97.6	...	96.1	99.3	97.8	82.8	98.9	97.3
Revenue passenger load factor—Scheduled	67.6	...	71.1	60.2	65.7	29.2	42.2	63.4

¹ Included in scheduled domestic services.² Gasoline and oil taken on in Canada.³ Includes miles flown on regular scheduled flights only.

TABLE 7. Transportation Statistics of Canadian and Foreign Air Carriers, 1958

	Canadian carriers					Foreign carriers		Grand total all services
	Domestic services		Trans-border services	Atlantic and Pacific services	Total	Trans-border services	Atlantic and Pacific services	
	Scheduled	Non-scheduled						
Passengers carried:								
Revenue:								
Unit toll transportation	2, 586, 028	65, 063	750, 436	197, 838	3, 599, 365	443, 397	86, 701	4, 129, 463
Bulk transportation	71, 276	349, 140	490	2, 666	423, 572	1, 402	814	425, 788
Total revenue	2, 657, 304	414, 203	750, 926 ¹	200, 504	4, 022, 937	444, 799	87, 515	4, 555, 251
Non-revenue	8, 147	2, 020	..	3, 525	13, 692	7, 492	2, 133	23, 317
Total passengers carried	2, 665, 451	416, 223	750, 926	204, 029	4, 036, 629	452, 291	89, 648	4, 578, 568
Passenger miles—Unit toll transportation:								
Revenue	1, 212, 440, 441	11, 616, 968	250, 020, 222	562, 085, 915	2, 036, 163, 546	26, 975, 616	79, 137, 024	2, 142, 276, 186
Non-revenue	49, 358, 731	595, 996	3, 126, 068	31, 491, 527	84, 572, 322	707, 682	1, 383, 859	86, 663, 863
Total passenger miles	1, 261, 799, 172	12, 212, 964	253, 146, 290	593, 577, 442	2, 120, 735, 868	27, 683, 298	80, 520, 883	2, 228, 940, 049
Freight carried (lbs.) :								
Revenue:								
Unit toll transportation	27, 516, 280	5, 220, 300	8, 295, 022	3, 204, 380	44, 235, 982	6, 419, 335	2, 190, 541	52, 845, 858
Bulk transportation	25, 284, 387	102, 603, 024	40, 264	78, 327	128, 006, 002	11, 400	—	128, 017, 402
Total revenue	52, 800, 667	107, 823, 324	8, 335, 286 ²	3, 282, 707	172, 241, 984	6, 430, 735	2, 190, 541	180, 863, 260
Non-revenue	4, 177, 729	909, 420	121, 455	705, 358	5, 913, 962	240, 115	308, 531	6, 462, 608
Total freight carried	56, 978, 396	108, 732, 744	8, 456, 741	3, 988, 065	178, 155, 946	6, 670, 850 ³	2, 499, 072 ³	187, 325, 868
Freight ton miles—Unit toll transportation:								
Revenue	10, 408, 788	2, 015, 299	1, 428, 117	6, 121, 823	19, 974, 027	247, 629	804, 161	21, 025, 817
Non-revenue	1, 923, 156	114, 918	19, 317	1, 239, 449	3, 296, 840	26, 051	110, 662	3, 433, 553
Total freight ton miles	12, 331, 944	2, 130, 217	1, 447, 434	7, 361, 272	23, 270, 867	273, 680 ⁴	914, 823 ⁴	24, 459, 370
Express carried (lbs.) —Unit toll transportation	11, 000, 370	444, 884	2, 174, 989 ⁵	—	13, 620, 243	⁶	⁶	13, 620, 243
Express ton miles—Unit toll transportation	3, 427, 550	44, 580	375, 431	—	3, 847, 561	⁷	⁷	3, 847, 561
Excess baggage carried (lbs.) —Unit toll transportation	4, 101, 466	169, 292	1, 237, 300 ⁸	396, 751	5, 904, 809	⁶	⁶	5, 904, 809
Excess baggage ton miles—Unit toll transportation	839, 204	39, 633	211, 883	483, 528	1, 574, 248	⁷	⁷	1, 574, 248
Mail carried (lbs.) —Unit toll transportation	26, 344, 955	1, 523, 313	2, 069, 331	1, 450, 242	31, 387, 841	1, 393, 454	846, 718	33, 628, 013
Mail ton miles—Unit toll transportation	9, 060, 622	125, 826	376, 107	2, 663, 106	12, 225, 661	56, 606	755, 378	13, 037, 645

¹ Includes 78,805 division interline passengers.² Includes 352,319 lbs. division interline freight.³ Includes express and excess baggage.⁴ Includes express and excess baggage ton miles.⁵ Includes 30,490 lbs. division interline express.⁶ Included in freight carried.⁷ Included in freight ton miles.⁸ Includes 154,979 lbs. division interline excess baggage.

TABLE 8. Revenues and Expenses of Canadian Air Carriers, 1958¹

	Canadian carriers		
	Scheduled ²	Non-scheduled	Total
	dollars		
Operating revenues:			
Unit toll transportation:			
Passengers	129,588,482	1,580,513	131,166,995
Mail	12,561,998	419,571	12,981,569
Freight	7,030,588	742,780	7,773,368
Express	3,067,421	61,543	3,128,964
Excess baggage	1,488,214	50,319	1,538,533
Total unit toll transportation	153,734,703	2,854,726	156,589,429
Bulk transportation	8,435,449	21,461,124	29,896,573
Other flying services	447,843	9,681,910	10,129,753
Total flying services	162,617,995	33,997,760	196,615,755
Non-flying services	2,237,754	2,860,427	5,098,181
Total operating revenues	164,855,749	36,858,187	201,713,936
Operating expenses:			
Aircraft operation and maintenance	94,290,343	24,532,427	118,822,770
Ground operation and maintenance	37,578,266	5,611,245	43,189,511
Traffic	21,376,157	907,060	22,283,217
General administration	10,781,268	4,295,040	15,076,308
General taxes	793,218	113,201	906,419
Total operating expenses	164,819,252	35,458,973	200,278,225
Operating income (or loss)	36,497	1,399,214	1,435,711
Add non-operating income	1,187,866	334,862	1,522,728
Gross income	1,224,363	1,734,076	2,958,439
Deduct interest and other income charges	3,530,650	897,045	4,427,695
Net income before income taxes	Dr. 2,306,287	837,031	Dr. 1,469,256
Deduct provision for income taxes	533	336,955	337,488
Net income (or deficit) after income taxes	Dr. 2,306,820	500,076	Dr. 1,806,744
Operating ratio	100.0	96.2	99.3

¹ Revenues and expenses for foreign carriers not available.² Includes Canadian Trans-border, Atlantic and Pacific services.

TABLE 9. Operating Statistics of Domestic Services of Canadian Scheduled Air Carriers, 1958

	Austin Airways	Canadian Pacific Air Lines	Maritime Central Air Lines	Pacific Western Air Lines	Quebecair Inc.	Transair Ltd.	Trans-Canada Air Lines	Total
Miles scheduled	65,360	3,706,562	593,660	847,662 ¹	1,267,955 ¹	393,042	33,562,299	40,436,540
Miles flown:								
Revenue:								
Unit toll transportation	229,529	4,289,158	910,299	1,510,811	1,267,955	1,375,569	33,832,404	43,415,725
Bulk transportation	898,721	69,658	295,643	3,273,254	16,848	923,038	146,750	5,623,912
Total revenue	1,128,250	4,358,816	1,205,942	4,784,065	1,284,803	2,298,607	33,979,154	49,039,637
Non-revenue	63,602	158,760	46,588	308,096	65,928	94,776	1,753,882	2,489,632
Total miles flown	1,191,852	4,517,576	1,252,530	5,090,161	1,350,731	2,393,383	35,733,036	51,529,269
Hours flown:								
Revenue:								
Unit toll transportation	2,020	25,513	5,708	10,811	8,251	9,373	146,450	208,126
Bulk transportation	6,865	419	1,629	24,208	541	9,215	664	43,541
Other flying services	953	—	343	7,537	—	—	22	8,855
Total revenue	9,838	25,932	7,680	42,556	8,792	18,588	147,136	260,522
Non-revenue	769	957	264	2,835	430	758	8,225	14,238
Total hours flown	10,607	26,889	7,944	45,391	9,222	19,346	155,361	274,760
Fuel consumed:								
Turbo fuel	gal. —	—	—	—	131,678	—	41,718,776 ²	41,850,454
Cost	\$ —	—	—	—	30,286	—	6,423,294 ²	6,453,580
Gasoline	gal. 360,796	3,944,821	1,190,752	2,445,456	781,892	1,202,836	20,371,459 ²	30,298,012
Cost	\$ 166,177	1,610,530	399,515	1,023,486	300,956	650,343	6,131,623 ²	10,282,630
Oil for turbo aircraft	gal. —	—	—	—	56	—	13,174 ²	13,230
Cost	\$ —	—	—	—	924	—	203,007 ²	203,931
Oil for other aircraft	gal. 5,497	48,500	19,198	52,338	11,191	14,694	290,289 ²	441,707
Cost	\$ 7,657	44,648	17,040	66,572	11,191	14,694	247,986 ²	409,788
Average number of employees	67	1,446	208	504	192	237	9,307 ²	11,961
Salaries and wages	\$ 325,768	6,673,394	1,029,912	2,686,247	898,205	1,087,649	46,943,592 ²	59,644,767
Average number of aircraft:								
Owned	19	23	16	59	9	33	80 ²	239
Leased	1	—	—	15	—	—	—	16
Total	20	23	16	74	9	33	80 ²	255
Ratio of miles flown to miles scheduled ³	94.2	97.5	95.1	100.0	100.0	98.7	97.5	97.6
Revenue passenger load factor - Scheduled ..	26.4	55.7	45.4	55.3	45.5	..	69.7	67.6

¹ Estimated.² Includes Trans-border services.³ Includes miles flown on regular scheduled flights only.

TABLE 10. Operating Statistics of Domestic Services of Non-scheduled Canadian Air Carriers, 1958

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total
Miles scheduled .....	...	...	...	...
Miles flown:				
Revenue:				
Unit toll transportation	2,624,128	294,980	—	2,919,108
Bulk transportation	17,252,506	2,558,046	695,633	20,506,185
Total revenue	19,876,634	2,853,026	695,633	23,425,293
Non-revenue .....	..	..	..	..
Total miles flown .....	..	..	..	..
Hours flown:				
Revenue:				
Unit toll transportation	21,138	2,178	—	23,316
Bulk transportation	155,543	26,522	6,793	188,858
Other flying services	75,844	29,568	21,320	126,732
Total revenue	252,525	58,268	28,113	338,906
Non-revenue	11,401	3,494	3,033	17,928
Total hours flown	263,926	61,762	31,146	356,834
Fuel consumed:				
Turbo fuel	gal. —	—	—	—
Cost	\$ —	—	—	—
Gasoline	gal. 9,089,551	612,835	188,998	9,891,384
Cost	\$ 4,093,158	370,378	91,974	4,555,510
Oil for turbo aircraft	gal. —	—	—	—
Cost	\$ —	—	—	—
Oil for other aircraft	gal. 131,428	10,457	3,369	145,254
Cost	\$ 161,111	15,655	5,217	181,983
Average number of employees	2,045	257	108	2,410
Salaries and wages	\$ 10,559,981	934,007	254,042	11,748,030
Average number of aircraft:				
Owned	468	142	87	697
Leased	41	17	9	67
Total	509	159	96	764
Ratio of miles flown to miles scheduled .....	...	...	...	...
Revenue passenger load factor—Scheduled .....	...	...	...	...

TABLE 11. Operating Statistics of Atlantic and Pacific Services of Scheduled Canadian Air Carriers, 1958

	T.C.A. services	C.P.A. services	Total
Miles scheduled	6,936,980	7,425,089	14,362,069
Miles flown:			
Revenue:			
Unit toll transportation	7,191,572	7,608,633	14,800,205
Bulk transportation	50,208	184,743	234,951
Total revenue	7,241,780	7,793,376	15,035,156
Non-revenue	208,704	584,882	793,586
Total miles flown	7,450,484	8,378,258	15,828,742
Hours flown:			
Revenue:			
Unit toll transportation	28,276	28,526	56,802
Bulk transportation	193	749	942
Other flying services	—	—	—
Total revenue	28,469	29,275	57,744
Non-revenue	875	2,085	2,960
Total hours flown	29,344	31,360	60,704
Fuel consumed:			
Turbo fuel	gal. 2,972	2,840,951	2,843,923
Cost	\$ 396	516,980	517,376
Gasoline	gal. 12,005,719	9,229,028	21,234,747
Cost	\$ 3,198,107	2,646,390	6,044,497
Oil for turbo aircraft	gal. —	906	906
Cost	\$ —	13,497	13,497
Oil for other aircraft	gal. 183,544	112,639	296,183
Cost	\$ 140,323	102,409	242,732
Average number of employees	740	879	1,619
Salaries and wages	\$ 3,904,399	4,937,949	8,842,348
Average number of aircraft:			
Owned	9	15	24
Leased	—	—	—
Total	9	15	24
Ratio of miles flown to miles scheduled ¹	99.2	99.3	99.3
Revenue passenger load factor—Scheduled	66.1	54.8	60.2

¹ Includes miles flown on regular scheduled flights only.

TABLE 12. Transportation Statistics of Domestic Services of Canadian Scheduled Air Carriers, 1958

	Austin Airways	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans-Canada Air Lines	Total
Passengers carried:								
Revenue:								
Scheduled:								
Originated	1,532	162,543	32,035	76,197	138,434	20,634	1,716,726	2,148,101
Domestic interline	2,201	13,098	3,377	—	—	—	284,703	18,876
Foreign interline	—	4,366	—	—	—	—	—	289,069
Division interline	—	—	—	—	—	—	78,916	78,916
Non-scheduled	1,928	2,675	4,355	20,414	—	21,894	—	51,266
Total unit toll transportation	5,661	182,682	39,767	96,611	138,434	42,528	2,080,345	2,586,028
Bulk transportation	17,706	992	2,861	32,270	1,937	9,231	6,279	71,276
Total revenue	23,367	183,674	42,628	128,881	140,371	51,759	2,086,624	2,657,304
Non-revenue	143	2,749	1,415	1,204	1,132	1,504	..	8,147
Total passengers carried	23,510	186,423	44,043	130,085	141,503	53,263	2,086,624	2,665,451
Passenger miles — Unit toll transportation:								
Revenue	675,192	85,726,692	8,057,719	14,544,897	15,832,982	14,933,300	1,072,669,659	1,212,440,441
Non-revenue	10,912	1,873,506	281,413	411,274	297,342	624,422	45,859,862	49,358,731
Total passenger miles	686,104	87,600,198	8,339,132	14,956,171	16,130,324	15,557,722	1,118,529,521	1,261,799,172
Freight carried (lbs.):								
Revenue:								
Scheduled:								
Originated	47,183	6,762,772	—	348,319	932,823	136,312	13,534,881	21,762,290
Domestic interline	19,289	4,755	—	—	—	—	—	24,044
Foreign interline	—	13,434	—	—	—	—	—	13,434
Division interline	—	571	—	—	—	—	2,516,117	2,516,688
Non-scheduled	407,287	395,031	—	155,625	—	2,241,881	—	3,199,824
Total unit toll transportation	473,759	7,176,563	—	503,944	932,823	2,378,193	16,050,998	27,516,280
Bulk transportation	5,869,966	271,950	1,301,790	9,564,173	—	7,924,087	352,421	25,284,387
Total revenue	6,343,725	7,448,513	1,301,790	10,068,117	932,823	10,302,280	16,403,419	52,800,667
Non-revenue	—	459,060	69,701	44,685	—	261,261	3,343,022	4,177,729
Total freight carried	6,343,725	7,907,573	1,371,491	10,112,802	932,823	10,563,541	19,746,441	56,978,396
Freight ton miles — Unit toll transportation:								
Revenue	31,125	1,717,061	—	50,583	58,019	582,739	7,969,261	10,408,788
Non-revenue	—	191,737	15,629	5,605	—	65,188	1,644,987	1,923,156
Total freight ton miles	31,125	1,908,798	15,629	56,188	58,019	647,937	9,614,248	12,331,944
Express carried (lbs.):								
Revenue:								
Scheduled:								
Originated	2,213	1,274,283	1,513,152	—	2,197,107	—	4,334,004	9,320,759
Domestic interline	7,677	—	61,291	—	—	—	—	68,968
Foreign interline	—	—	—	—	—	—	—	—
Division interline	—	—	—	—	—	—	383,726	383,726
Non-scheduled	—	13,771	1,213,146	—	—	—	—	1,226,917
Total unit transportation	9,890	1,288,054	2,787,589	—	2,197,107	—	4,717,730	11,000,370
Express ton miles — Unit toll transportation	376	365,061	820,847	—	147,407	—	2,093,859	3,427,550
Excess baggage carried (lbs.):								
Revenue:								
Scheduled:								
Originated	3,191	572,415	84,763	154,954	450,855	58,673	2,292,209	3,617,060
Domestic interline	1,709	24,687	—	—	—	—	19,927	46,323
Foreign interline	—	9,314	—	—	—	—	36,594	45,908
Division interline	—	—	—	—	—	—	188,929	188,929
Non-scheduled	—	24,388	44,711	36,083	—	98,064	—	203,246
Total unit toll transportation	4,900	630,804	129,474	191,037	450,855	156,737	2,537,659	4,101,466
Excess baggage ton miles — Unit toll transportation	179	188,107	23,440	18,494	44,933	34,589	529,462	839,204
Mail carried (lbs.) — Unit toll transportation	87,281	2,972,350	1,086,853	251,472	1,123,941	549,793	20,273,265	26,344,955
Mail ton miles — Unit toll transportation	10,576	721,123	113,812	22,883	60,109	64,592	8,067,527	9,060,622
Available seat miles — Scheduled	1,389,176	150,340,344	13,965,565	22,650,368	34,802,175	..	1,538,745,143	1,761,892,771
Available ton miles — Scheduled	8,286,878	18,834,018	2,556,613	2,307,332	3,611,514	993,139	210,655,474	247,244,968

TABLE 13. Transportation Statistics of Domestic Services of Canadian Non-scheduled Air Carriers, 1958

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total
Passengers carried:				
Revenue:				
Scheduled:				
Originated .....	...	...	...	...
Domestic interline .....	...	...	...	...
Foreign interline .....	...	...	...	...
Division interline .....	...	...	...	...
Non-scheduled	58,956	6,107	—	65,063
Total unit toll transportation	58,956	6,107	—	65,063
Bulk transportation	292,555	44,899	11,686	349,140
Total revenue	351,511	51,006	11,686	414,203
Non-revenue	1,718	54	248	2,020
Total passengers carried	353,229	51,060	11,934	416,223
Passenger miles — Unit toll transportation:				
Revenue	11,001,445	615,523	—	11,616,968
Non-revenue	590,472	5,524	—	595,996
Total passenger miles	11,591,917	621,047	—	12,212,964
Freight carried (lbs.):				
Revenue:				
Scheduled:				
Originated .....	...	...	...	...
Domestic interline .....	...	...	...	...
Foreign interline .....	...	...	...	...
Division interline .....	...	...	...	...
Non-scheduled	5,163,596	56,704	—	5,220,300
Total unit toll transportation	5,163,596	56,704	—	5,220,300
Bulk transportation	96,393,519	5,374,509	834,996	102,603,024
Total revenue	101,557,115	5,431,213	834,996	107,823,324
Non-revenue	771,964	113,181	24,275	909,420
Total freight carried	102,329,079	5,544,394	859,271	108,732,744
Freight ton miles — Unit toll transportation:				
Revenue	1,399,776	615,523	—	2,015,299
Non-revenue	109,394	5,524	—	114,918
Total freight ton miles	1,509,170	621,047	—	2,130,217
Express carried (lbs.):				
Revenue:				
Scheduled:				
Originated .....	...	...	...	...
Domestic interline .....	...	...	...	...
Foreign interline .....	...	...	...	...
Division interline .....	...	...	...	...
Non-scheduled	437,780	7,104	—	444,884
Total unit toll transportation	437,780	7,104	—	444,884
Express ton miles — Unit toll transportation	43,844	736	—	44,580
Excess baggage carried (lbs.):				
Revenue:				
Scheduled:				
Originated .....	...	...	...	...
Domestic interline .....	...	...	...	...
Foreign interline .....	...	...	...	...
Division interline .....	...	...	...	...
Non-scheduled	153,488	15,804	—	169,292
Total unit toll transportation	153,488	15,804	—	169,292
Excess baggage ton miles — Unit toll transportation	38,309	1,324	—	39,633
Mail carried (lbs.) — Unit toll transportation	1,424,042	99,271	—	1,523,313
Mail ton miles — Unit toll transportation	121,952	3,874	—	125,826
Available seat miles — Scheduled .....	...	...	...	...
Available ton miles — Scheduled .....	...	...	...	...

TABLE 14. Transportation Statistics of Atlantic and Pacific Services of Canadian Scheduled Air Carriers, 1958

	T. C. A. services	C. P. A. services	Total
Passengers carried:			
Revenue:			
Scheduled:			
Originated	132,634	49,794	182,428
Domestic interline	—	1,821	1,821
Foreign interline	—	13,560	13,560
Division interline	29	—	29
Non-scheduled	—	—	—
Total unit toll transportation	132,663	65,175	197,838
Bulk transportation	1,040	1,626	2,666
Total revenue	133,703	66,801	200,504
Non-revenue .....	..	3,525	3,525
Total passengers carried	133,703	70,326	204,029
Passenger miles — Unit toll transportation:			
Revenue	294,851,143	267,234,772	562,085,915
Non-revenue	21,347,404	10,144,123	31,491,527
Total passenger miles	316,198,547	277,378,895	593,577,442
Freight carried (lbs.):			
Revenue:			
Scheduled:			
Originated	2,375,580	457,514	2,833,094
Domestic interline	—	73,804	73,804
Foreign interline	—	292,126	292,126
Division interline	5,104	252	5,356
Non-scheduled	—	—	—
Total unit toll transportation	2,380,684	823,696	3,204,380
Bulk transportation	—	78,327	78,327
Total revenue	2,380,684	902,023	3,282,707
Non-revenue	439,231	266,127	705,358
Total freight carried	2,819,915	1,168,150	3,988,065
Freight ton miles — Unit toll transportation:			
Revenue	3,481,460	2,640,363	6,121,823
Non-revenue	571,544	667,905	1,239,449
Total freight ton miles	4,053,004	3,308,268	7,361,272
Express carried (lbs.):			
Revenue:			
Scheduled:			
Originated	—	—	—
Domestic interline	—	—	—
Foreign interline	—	—	—
Division interline	—	—	—
Non-scheduled	—	—	—
Total unit toll transportation	—	—	—
Express ton miles — Unit toll transportation	—	—	—
Excess baggage carried (lbs.):			
Revenue:			
Scheduled:			
Originated	264,287	100,939	365,226
Domestic interline	—	1,299	1,299
Foreign interline	—	30,187	30,187
Division interline	30	9	39
Non-scheduled	—	—	—
Total unit toll transportation	264,317	132,434	396,751
Excess baggage ton miles — Unit toll transportation	239,016	244,512	483,528
Mail carried (lbs.) — Unit toll transportation	1,199,359	250,883	1,450,242
Mail ton miles — Unit toll transportation	1,942,101	721,005	2,663,106
Available seat miles — Scheduled	446,405,031	487,621,679	934,026,710
Available ton miles — Scheduled	57,267,439	51,615,595	108,883,034

TABLE 15. Revenues and Expenses of Canadian Scheduled Air Carriers, 1958

	Austin Airways	Canadian Pacific Air Lines ¹	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines ²	Total
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	83,219	22,961,473	732,421	1,411,069	1,579,317	1,265,725	101,553,258	129,586,482
Mail	23,879	2,030,658	219,142	125,659	93,194	175,844	9,893,622	12,561,998
Freight	56,507	1,999,512	—	82,345	66,944	455,266	4,370,014	7,030,588
Express	1,385	355,563	378,357	—	166,113	—	2,166,003	3,067,421
Excess baggage	211	382,711	20,515	24,746	51,488	31,049	977,494	1,488,214
Total unit toll transportation	165,201	27,729,917	1,350,435	1,643,819	1,957,056	1,927,884	118,960,391	153,734,703
Bulk transportation	538,501	650,195	509,877	5,078,232	84,510	1,090,002	484,132	8,435,449
Other flying services	75,442	—	43,125	322,814	—	—	6,462	447,843
Total flying services	779,144	28,380,112	1,903,437	7,044,865	2,041,566	3,017,886	119,450,985	162,617,995
Non-flying services	9,214	199,288	862,679	28,050	4,355	30,384	1,103,784	2,237,754
Total operating revenues	788,358	28,579,400	2,766,116	7,072,915	2,045,921	3,048,270	120,554,769	164,855,749
Operating expenses:								
Aircraft operation and maintenance	631,690	18,667,142	2,564,706	4,606,690	1,040,773	2,215,679	64,563,663	94,290,343
Ground operation and maintenance	77,946	5,343,675	669,354	758,993	561,904	624,727	29,541,667	37,578,266
Traffic	45,642	4,539,297	67,276	435,322	251,140	44,299	15,993,181	21,376,157
General administration	59,090	2,063,845	258,996	618,551	224,782	199,595	7,356,409	10,781,268
General taxes	4,222	144,869	18,708	13,393	12,874	13,288	585,864	793,218
Total operating expenses	818,590	30,758,828	3,579,040	6,432,949	2,091,473	3,097,588	118,040,784	164,819,252
Operating income (or loss)	Dr. 30,232	Dr. 2,179,428	Dr. 812,924	639,966	Dr. 45,552	Dr. 49,318	2,513,985	36,497
Add non-operating income	169	299,310	59,306	307,083	—	47,554	474,444	1,187,866
Gross income	Dr. 30,063	Dr. 1,880,118	Dr. 753,618	947,049	Dr. 45,552	Dr. 1,764	2,988,429	1,224,363
Deduct interest and other income charges	17,738	476,414	140,335	296,665	—	158,498	2,441,000	3,530,650
Net income before income taxes	Dr. 47,801	Dr. 2,356,532	Dr. 893,953	650,384	Dr. 45,552	Dr. 160,262	547,429	Dr. 2,306,287
Deduct provision for income taxes	533	—	—	—	—	—	—	533
Net income (or deficit after income taxes)	Dr. 48,334	Dr. 2,356,532	Dr. 893,953	650,384	Dr. 45,552	Dr. 160,262	547,429	Dr. 2,306,820
Operating ratio	103.8	107.6	129.4	91.0	102.2	101.6	97.9	100.0

¹ C.P.A. consolidated financial statement, includes: Domestic and Pacific services.² T.C.A. consolidated financial statement, includes: Domestic, Trans-border and Atlantic services.

TABLE 16. Revenues and Expenses of Domestic Services of Canadian Non-scheduled Air Carriers, 1958

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total
	dollars			
Operating revenues:				
Unit toll transportation:				
Passengers	1,482,386	98,127	—	1,580,513
Mail	417,791	1,780	—	419,571
Freight	742,780	—	—	742,780
Express	57,623	3,920	—	61,543
Excess baggage	44,462	5,857	—	50,319
Total unit toll transportation	2,745,042	109,684	—	2,854,726
Bulk transportation	19,672,646	1,450,877	337,601	21,461,124
Other flying services	8,603,280	484,196	594,434	9,681,910
Total flying services	31,020,968	2,044,757	932,035	33,997,760
Non-flying services	2,452,885	293,562	113,980	2,860,427
Total operating revenues	33,473,853	2,338,319	1,046,015	36,858,187
Operating expenses:				
Aircraft operation and maintenance	22,218,748	1,723,417	590,262	24,532,427
Ground operation and maintenance	5,099,206	349,909	162,130	5,611,245
Traffic	801,689	48,233	57,138	907,060
General administration	3,771,191	388,039	135,810	4,295,040
General taxes	109,496	Cr. 9,204	12,909	113,201
Total operating expenses	32,000,330	2,500,394	958,249	35,458,973
Operating income (or loss)	1,473,523	Dr. 162,075	87,766	1,399,214
Add non-operating income	272,677	27,057	35,128	334,862
Gross income	1,746,200	Dr. 135,018	122,894	1,734,076
Deduct interest and other income charges	829,347	55,113	12,585	897,045
Net income before income taxes	916,853	Dr. 190,131	110,309	837,031
Deduct provision for income taxes	316,945	10,566	9,444	336,955
Net income (or deficit) after income taxes	599,908	Dr. 200,697	100,865	500,076
Operating ratio	95.6	106.9	91.6	96.2

TABLE 17. Employees, Salaries and Wages of Canadian and Foreign Air Carriers, 1958

Canadian carriers	Employees	Salaries and wages	Companies	Employees	Salaries and wages
		\$			\$
General officers	1,074	8,465,888	Austin Airways	67	325,768
Clerks and stenographers	2,031	7,168,552	Canadian Pacific Air Lines ¹	2,325	11,611,343
Pilots	1,585	14,126,634	Maritime Central Airways	208	1,029,912
Co-pilots	207	1,526,890	Pacific Western Airlines	504	2,686,247
Despatchers	183	984,994	Quebecair Inc.	192	898,205
Communication operators	832	3,089,063	Transair Ltd.	237	1,087,649
Stewards or other attendants	819	3,164,526	Trans-Canada Air Lines ¹	10,047	50,847,991
Air engineers	969	5,756,134	Total scheduled	13,580	68,487,115
Mechanics	3,020	14,335,461	Class "B" carriers	2,045	10,559,981
Airport employees	2,348	9,564,634	Class "C" carriers	257	934,007
Stores employees	431	1,584,894	Class "D" carriers	108	254,042
Other employees	2,491	10,467,475	Total Canadian	15,990	80,235,145
Total	15,990	80,235,145	Foreign carriers:		
			Trans-border services	283	1,448,513
			Atlantic and Pacific services	391	1,790,805
			Total carriers	16,664	83,474,463

¹ Includes Overseas Services.TABLE 18. Accidents Involving Canadian Air Carriers, 1954-1958¹

	1958 ²	1957	1956	1955	1954		1958 ²	1957	1956	1955	1954
Casualties:						Number of accidents reported	355	396	262	264	201
Pilot:						Type of flying:					
Fatal	30	40	26	40	18	Instructional	7	12	6	6	2
Serious	20	30	13	17	7	Practice	26	48	26	7	1
Minor	8	14	13	13	5	Private	236 ³	230 ³	151 ³	152 ³	108
Crew:						Scheduled	—	4 ³	3 ³	2 ³	4
Fatal	—	5	7	2	2	Non-scheduled	112 ³	154 ³	106 ³	107 ³	76
Serious	—	—	1	—	3	State	7 ³	8 ³	2 ³	3 ³	1
Minor	—	1	—	1	1	Other (including ferry, test, etc.)	—	5	4	5	9
Passengers:						Probable cause (per cent):					
Fatal	21	135	97	42	47	Personnel	76.9	73.2	74.8	51.9	52.3
Serious	27	13	18	26	17	Material failure	7.3	12.8	14.6	19.7	20.9
Minor	9	11	18	16	17	Weather	2.8	2.3	1.5	7.6	7.9
Other:						Aerodrome terrain or water	3.4	3.1	5.3	11.0	12.9
Fatal	—	—	—	2	3	Miscellaneous	2.5	3.1	—	2.3	2.0
Serious	1	5	—	1	—	Undetermined	7.1	5.5	3.8	7.5	4.0
Minor	—	1	1	—	—						
Operational phase:											
Engine running not taxiing	7	5	—	4	1						
Taxiing	32	30	16	30	28						
Take-off	87	78	36	56	37						
En route	66	85	46	41	31						
Landing	155	195	163	127	101						
Missed landing	8	—	—	—	—						
Aircraft at rest	—	3	1	6	3						
Undetermined	—	—	—	—	—						

¹ As reported by Civil Aviation Division, Department of Transport.² Subject to revision.³ Includes instructional, practice, and other flying accidents.TABLE 19. Personnel and Airport Licences Issued and Aircraft Registered as of December 31, 1958¹

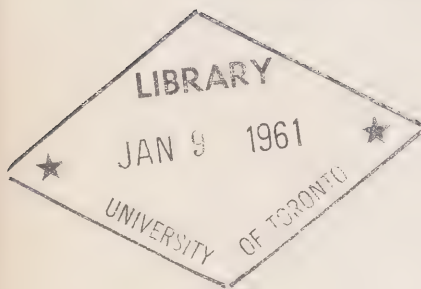
Personnel	In force December 31, 1958	In force December 31, 1957	Aircraft registered	Total December 31, 1958	Total December 31, 1957
Pilots:					
Glider	304	287	Commercial	1,879	1,826
Private	9,043	7,832	Private	2,438	2,004
Commercial (old type)	—	—	State	192	175
Commercial	2,548	2,411	Grand total	4,509	4,005
Senior commercial	423	399			
Transport	—	—	Airports		
Airline transport	1,069	968			
Air navigators	108	101			
Air traffic controllers	631	565			
Flight engineers	49	43			
Aircraft maintenance engineers ..	2,043	1,916			
				In force December 31, 1958	In force December 31, 1957
				452	550

¹ As reported by Civil Aviation Division, Department of Transport.



CIVIL AVIATION

1959



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SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

.. figures not available.

... figures not appropriate or not applicable.

— nil or zero.

CIVIL AVIATION

1959

The operating income of Canadian air carriers decreased 34.8 p.c. to \$935,565 from \$1,435,711 in 1959. Despite the fact that total operating revenues reached an all-time high, rising 9.3 p.c. to \$220,423,558 from \$201,713,936, they failed to keep pace with total operating expenses which increased 9.6 p.c. to \$219,487,993 from \$200,278,225 in the previous year. After provision for taxes and other charges there was a deficit of \$2,484,178 as compared with a deficit of \$1,806,744 in 1958. Scheduled airlines reported a net operating deficit after taxes of \$3,470,511 compared with one of \$2,306,820 in 1958; non-scheduled airlines recorded a net income after taxes of \$986,333, nearly double that of \$500,076 earned in the previous year.

The revenues produced by unit toll services increased substantially to \$180,304,231 from \$156,589,429, a gain of 15.1 p.c. Bulk transportation revenues (charter and contract) dropped 3.0 p.c. to \$29,003,250 from \$29,896,573 following the trend of the past three years. Other flying service revenues fell sharply to \$6,491,202 from \$10,129,753, while non-flying services accounted for \$4,624,875 as compared with \$5,098,181 in 1958. Revenue from unit toll passenger fares continued to be the principal source of income, rising 16.1 p.c. to \$152,317,247 from \$131,166,995. Mail receipts rose 3.5 p.c. to \$13,437,772; earnings from freight carried in unit toll service 18.4 p.c. to \$9,201,872, express receipts 16.0 p.c. to \$3,630,738 and excess baggage charges 11.6 p.c. to \$1,716,602.

All expense accounts shared in the overall increase to \$219,487,993 from \$200,278,225 recorded in the previous year. Aircraft operation and maintenance costs rose 10.7 p.c. to \$131,576,051 from \$118,822,770, ground operation and maintenance costs 6.6 p.c. to \$46,041,280 from \$43,189,511; traffic expenses 13.5 p.c. to \$25,298,248; general administration expenses 3.3 p.c. to \$15,567,463 and general taxes 8.8 p.c. to \$1,004,951.

Revenue passengers carried by Canadian air carriers aggregated 4,681,264 in 1959, an increase of 658,327 or 16.4 p.c. over the 4,022,937 transported in 1958. Revenue unit toll passengers numbered 4,176,501 as against 3,599,365 while passengers carried in bulk or charter service totalled 504,763 compared with 423,572. Revenue unit toll passenger-miles advanced 15.8 p.c. to 2,357 million from 2,036 million with the result that the length of the average passenger journey was virtually unchanged.

Revenue goods transported by air totalled 202,988,362 lbs. of which 65,243,299 lbs. were

carried on unit toll services and 126,523,737 lbs. in bulk or charter service. Goods carried in unit toll services consisted of 51,114,465 lbs. of freight, 18,538,141 lbs. of express and 6,812,019 lbs. of excess baggage. Freight was the only type of cargo flown in charter service. For the twelfth consecutive year a new high was established for the volume of mail flown, which at 32,894,779 lbs. was 4.8 p.c. above last year's record of 31,387,841 lbs.

Transportation statistics for all services include foreign carriers in trans-border and in Atlantic and Pacific services. During the year under review these carriers transported to or from Canada 634,737 revenue passengers, 11,403,527 lbs. of revenue freight and 2,663,447 lbs. of revenue mail. Comparable figures for the previous year are 532,314 passengers, 8,621,276 lbs. of revenue freight and 2,240,172 lbs. of mail. The mileage shown for these foreign carriers represents miles flown over Canadian territory only.

The number of revenue miles flown by aircraft of Canadian carriers reached a record high, increasing 10.7 p.c. to 106,107,103 miles from 95,810,566. Of this total, 77,405,581 miles were flown in unit toll service and 28,701,522 miles in bulk transportation service as against 69,438,086 and 26,372,480 miles respectively in the previous year. Total revenue hours flown also increased, rising 10.3 p.c. to 764,229 from 692,939. Of this total, 350,019 hours were flown in unit toll service compared with 323,972 in 1958, while an additional 259,188 hours were required in the performance of bulk or charter service compared with 233,380 in the previous year.

A total of \$86,148,440 was earned in salaries and wages by 16,565 employees in 1959, against \$80,235,145 earned by 15,990 employees in 1958. The average salary paid by the industry increased to \$5,201 from \$5,018. All classes of personnel with the exception of communication operators and stores employees increased in number. The drop in the number of communication operators was due to a reclassification of over half of this class of employee by one of the major airlines. With the exception of communication operators, salaries increased for all types of employees.

An additional table, No. 20, has been added to this report for the first time to show separate data for Canadian carriers which operate helicopters only. These data include the operations of 11 companies which operate 75 per cent of the total number of helicopters registered in Canada in 1959.

CHART B

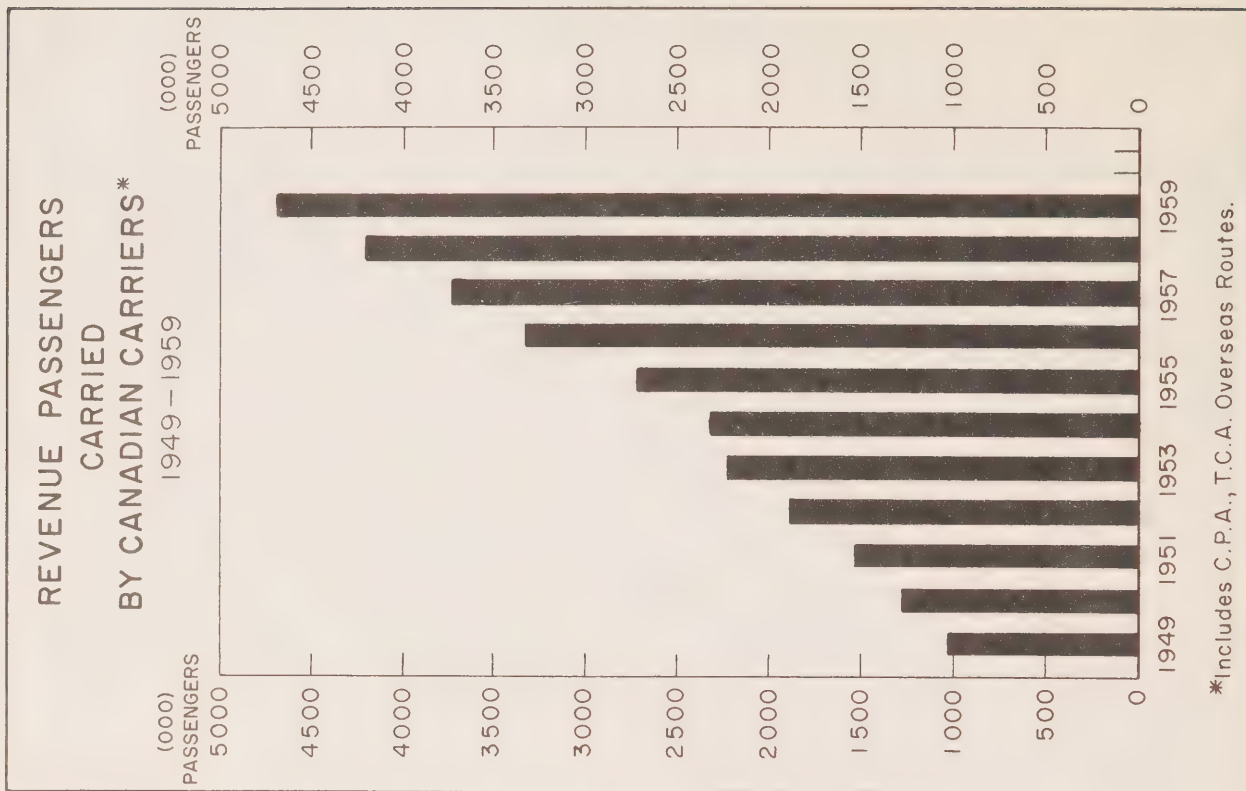


CHART A

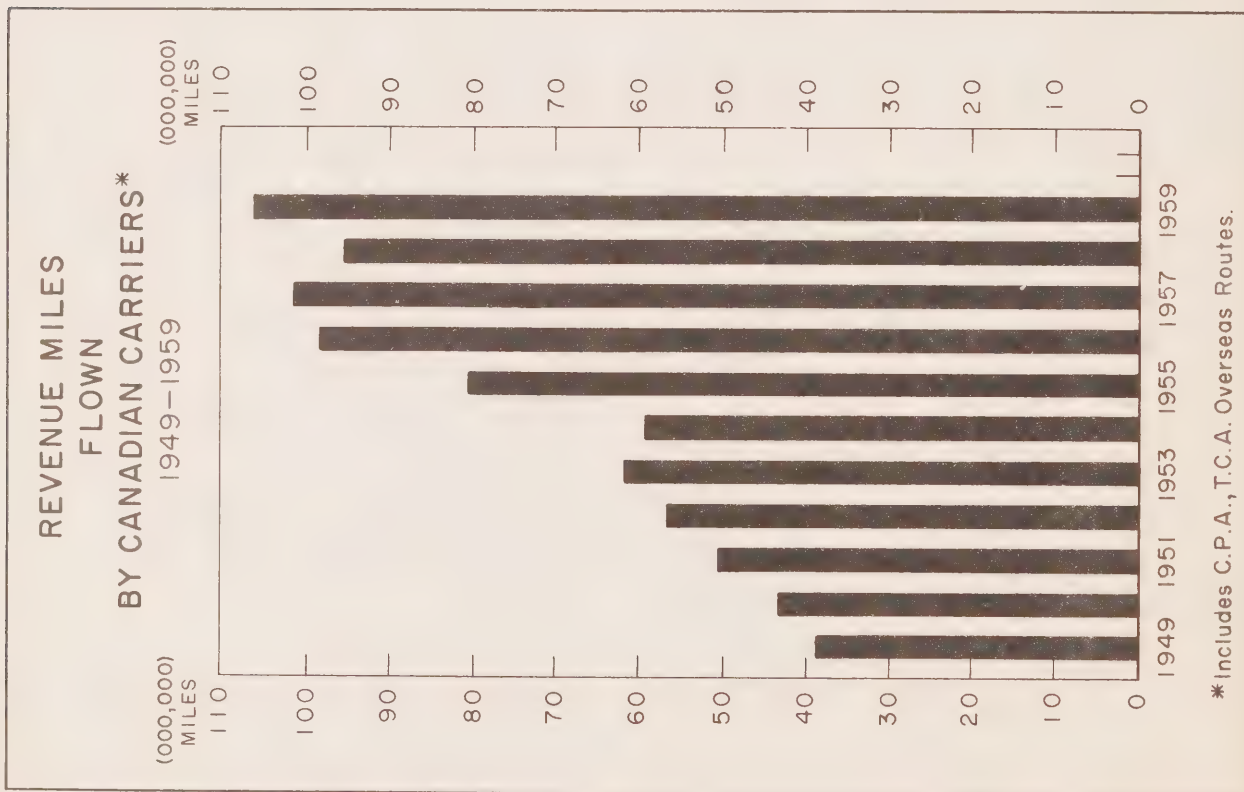
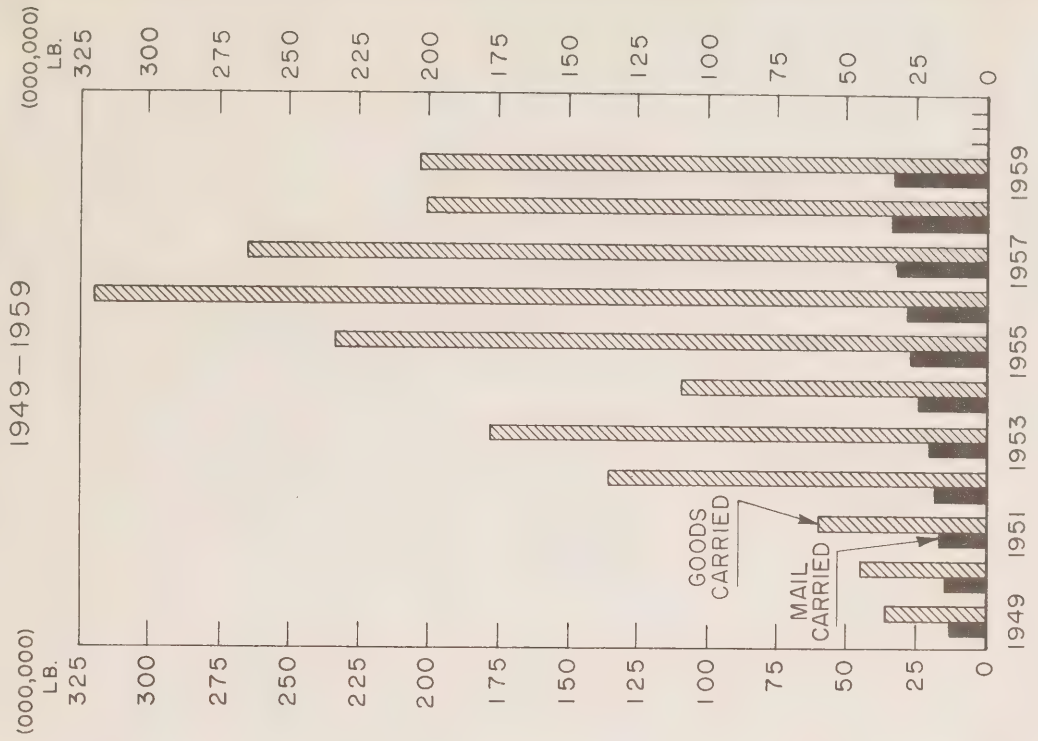


CHART D

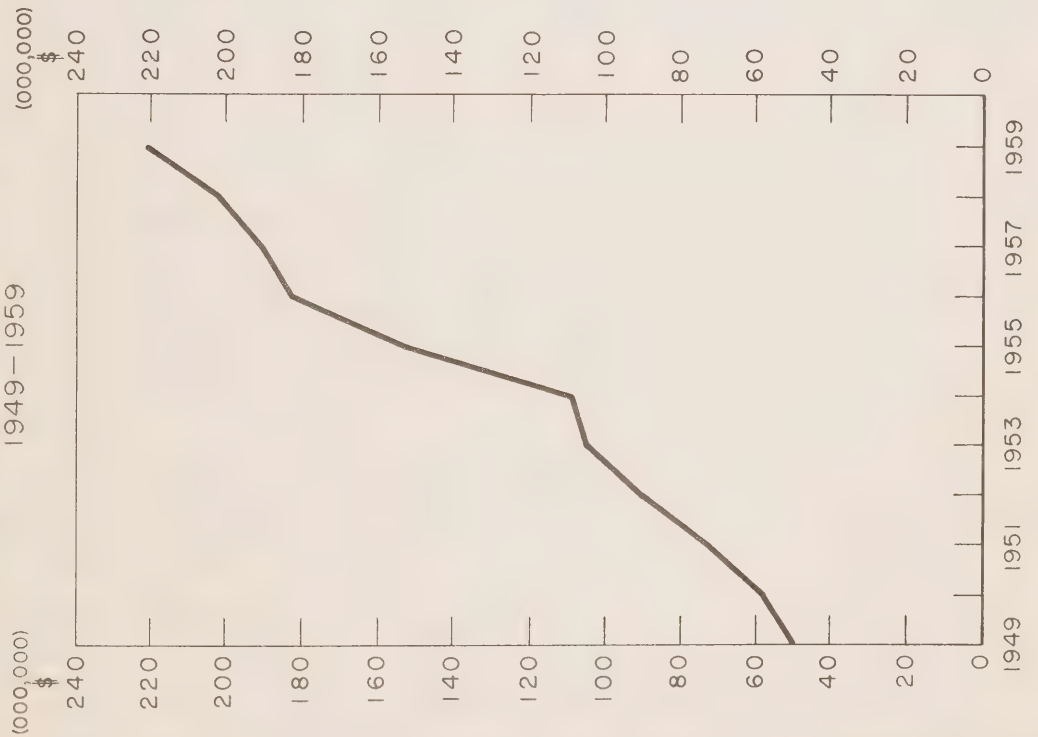
REVENUE GOODS AND MAIL CARRIED CANADIAN CARRIERS*



*Includes C.P.A., T.C.A. Overseas Routes.

CHART C

OPERATING REVENUES OF CANADIAN CARRIERS*



*Includes C.P.A., T.C.A. Overseas Routes.

TABLE 1. Statistical Summary of Civil Aviation in Canada, 1954-59

	1959	1958	1957	1956	1955	1954
Miles flown—Revenue	110,889,252	99,858,279	104,699,140	101,723,710	83,805,304	61,582,481
Hours flown:						
Revenue	798,527	709,337	742,056	734,822	605,913	472,817
Non-revenue	31,711	35,458	40,760	37,567	31,306	21,516
Totals	830,238	744,795	782,816	772,389	637,219	494,333
Passengers carried:						
Revenue	5,316,001	4,555,251	4,319,920	3,864,818	3,249,099	2,792,348
Non-revenue	32,031	23,317	35,554	58,721	54,076	73,199
Totals	5,348,032	4,578,568	4,355,474	3,923,539	3,303,175	2,865,547
Passenger miles:						
Revenue (Unit toll transportation only)	2,495,682,456	2,142,276,186	1,835,183,870	1,547,279,882	1,223,825,448	1,066,805,242
Non-revenue " " " "	102,753,571	86,663,863	71,030,597	61,416,920	57,477,989	49,134,404
Totals " " " "	2,598,436,027	2,228,940,049	1,906,214,467	1,608,696,802	1,281,303,437	1,115,939,646
Goods carried (lbs.):						
Revenue	214,391,889	200,388,312	264,812,177	319,260,401	233,561,830	109,299,356
Non-revenue	9,140,907	6,462,608	7,079,240	7,639,517	7,121,832	5,714,121
Totals	223,532,796	206,850,920	271,891,417	326,899,918	240,683,662	115,013,477
Goods ton miles:						
Revenue (Unit toll transportation only)	31,296,521	26,447,626	24,268,206	22,065,286	18,084,169	14,057,279
Non-revenue " " " "	4,472,346	3,433,553	2,998,061	3,039,907	3,477,194	3,379,895
Totals " " " "	35,768,867	29,881,179	27,266,267	25,105,193	21,561,363	17,437,174
Mail carried (lbs.)—Unit toll transportation	35,558,226	33,628,013	31,413,504	27,914,288	26,616,505	24,228,571
Mail ton miles—Unit toll transportation	13,682,638	13,037,645	12,055,649	10,238,458	9,048,610	8,239,855
Fuel consumed:						
Gasoline	gal. 150,178,054	128,051,496	112,769,672	102,836,140	77,938,918	53,164,769
Cost	\$ 36,142,453	33,762,205	35,110,535	33,321,107	25,070,432	17,314,786
Oil	gal. 1,168,174	1,169,636	1,220,680	1,212,361	1,006,154	695,642
Cost	\$ 1,309,419	1,370,105	1,205,946	1,215,979	960,154	671,069
Average number of employees	17,326	16,664	16,682	15,411	13,783	12,126
Salaries and wages	\$ 87,846,765	83,474,463	78,362,795	67,708,117	57,665,410	48,907,525
Operating revenues:						
Unit toll transportation	180,304,231	156,589,429	136,551,980	118,010,084	97,318,012	84,327,398
Bulk transportation	29,003,250	29,896,573	40,719,214	53,435,589	44,543,258	15,149,492
Other revenue services	11,116,077	15,227,934	12,771,871	10,723,177	10,877,748	9,387,399
Totals	220,423,558	201,713,936	190,043,065	182,168,850	152,739,018	108,864,289
Operating expenses:						
Aircraft operation and maintenance	131,576,051	118,822,770	114,993,628	108,268,728	90,504,604	59,984,323
Ground operation and maintenance	46,041,280	43,189,511	41,350,781	39,014,039	32,909,216	27,840,216
Traffic, general administration and taxes	41,870,662	38,265,944	33,069,380	27,299,213	23,240,994	19,162,830
Totals	219,487,993	200,278,225	189,413,789	174,581,980	146,654,814	106,987,369
Operating income (or loss)	935,565	1,435,711	629,276	7,586,870	6,084,204	1,876,920
Net income (or deficit) after income taxes	Dr. 2,484,178	Dr. 1,806,744	Dr. 552,897	4,699,586	4,132,752	849,647

TABLE 2. General Balance Sheet of Canadian Scheduled Air Carriers, 1959

	Canadian Pacific Air Lines ¹	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines ¹	Total scheduled carriers
	dollars						
Assets:							
Current assets	12,980,064	3,041,785	1,708,303	709,863	999,752	33,076,118	52,515,885
Investments	1,601,668	1,428,900	600	1,775	5,144	7,745	3,045,832
Deferred debits	2,656,162	15,456	221,635	1,050	212,081	—	3,106,384
Special funds	—	—	—	—	—	5,845,866	5,845,866
Fixed assets (less depreciation)	17,195,185	2,427,814	4,910,670	3,456,072	2,150,921	136,482,996	166,623,658
Totals	34,433,079	6,913,955	6,841,208	4,168,760	3,367,898	175,412,725	231,137,625
Liabilities:							
Current liabilities	7,834,454	1,477,294	2,656,603	530,531	747,541	19,484,582	32,731,005
Long term debt	7,125,254	1,287,515	837,401	2,105,278	1,778,285	135,100,000	148,233,733
Deferred credits	1,557,611	65,786	—	—	44,649	3,140,609	4,808,655
Reserves	—	50,000	94,919	29,472	417,716	5,845,866	6,437,973
Capital stock	22,750,000	15,000	1,458,693	123,633	445,526	5,000,000	29,792,852
Surplus	Dr. 4,834,240	4,018,360	1,793,592	1,379,846	Dr. 65,819	6,841,668	9,133,407
Totals	34,433,079	6,913,955	6,841,208	4,168,760	3,367,898	175,412,725	231,137,625

¹ Includes overseas services.

TABLE 3. General Balance Sheet of Canadian Non-scheduled Air Carriers, 1959

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total non-scheduled
dollars				
Assets:				
Current assets	9,152,265	750,268	809,525	10,712,058
Fixed assets (less depreciation)	15,410,500	1,585,460	1,536,080	18,532,040
Other assets	1,544,115	264,938	150,979	1,960,032
Totals	26,106,880	2,600,666	2,496,584	31,204,130
Liabilities:				
Current liabilities	8,995,591	1,014,811	732,967	10,743,369
Other liabilities	7,961,767	1,060,180	851,310	9,873,257
Incorporated companies:				
Capital stock	4,252,947	494,923	476,112	5,223,982
Surplus	4,896,575	Dr. 182,376	65,212	4,779,411
Non-incorporated businesses — Net worth	—	213,128	370,983	584,111
Totals	26,106,880	2,600,666	2,496,584	31,204,130

TABLE 4. Property Account of Selected Canadian Air Carriers as at End of 1959

	Canadian Pacific Air Lines ¹	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines ¹	Total scheduled air lines	Class "B" carriers	Grand total
dollars									
Property and equipment:									
Aircraft	8,790,555	952,389	2,173,172	2,300,313	963,451	47,827,208	63,007,088	8,146,676	71,153,764
Aircraft engines	4,153,690	348,573	692,453	119,046	487,874	8,575,828	14,377,464	1,439,452	15,816,916
Motor vehicles and floating equip- ment	91,536	39,185	57,308	28,847	22,705	1,288,876	1,528,457	272,669	1,801,126
Aircraft communication equipment	465,046	28,192	95,866	156,835	11,885	1,150,134	1,907,958	—	1,907,958
Communication equipment (ground)	—	11,885	100,011	25,253	23,496	80,148	240,793	—	240,793
Miscellaneous flying equipment	—	9,045	11,430	3,976	1,670	—	26,121	554,402	580,523
Shop and hangar equipment	286,800	39,493	111,924	115,792	39,534	1,655,178	2,248,721	260,547	2,509,268
Fuel storage and distribution equipment	—	50	2,148	—	—	—	2,198	—	2,198
Furniture, fixtures and office equipment	182,511	36,115	99,063	68,407	24,979	1,604,937	2,016,012	237,642	2,253,654
Airport lighting equipment	—	—	—	—	—	—	—	—	—
Miscellaneous ground equipment ..	945,101	22,497	65,188	25,090	—	2,317,190	3,375,066	279,477	3,654,543
Buildings	2,276,725	931,508	244,035	588,313	562,528	4,557,768	9,160,877	2,955,203	12,116,080
Appraisal increase	—	—	Dr. 18,231	—	—	—	Dr. 18,231	—	Dr. 18,231
Total net value	17,191,964	2,418,932	3,634,367	3,431,872	2,138,122	69,057,267	97,872,524	14,146,068	112,018,592
Additions, retirements, depreciation:									
Cost value of assets:									
At beginning of year	56,228,700	6,493,175	6,293,847	3,003,533	3,094,170	120,905,680	196,019,105	26,321,575	222,340,680
Additions during the year	1,514,868	1,639,566	1,274,503	1,144,820	133,439	12,241,122	17,948,318	6,100,130	24,048,448
Retirements during year	30,151,002	3,377,280	1,695,671	6,776	125,118	3,066,403	38,422,250	2,449,472	40,871,722
At end of year	27,592,566	4,755,461	5,872,679	4,141,577	3,102,491	130,080,399	175,545,173	29,972,233	205,517,406
Accrued depreciation:									
At beginning of year	11,574,214	3,870,071	2,359,322	446,844	775,559	49,869,606	68,895,616	13,595,937	82,491,553
Decreases	3,647,442	1,972,745	945,695	52,369	6,493	991,556	7,616,300	1,062,299	8,678,599
Provision for depreciation — Current year	2,473,830	439,203	824,685	315,230	195,303	12,145,082	16,393,333	3,292,527	19,685,860
At end of year	10,400,602	2,336,529	2,238,312	709,705	964,369	61,023,132	77,672,649	15,826,165	93,498,814
Total net value	17,191,964	2,418,932	3,634,367	3,431,872	2,138,122	69,057,267	97,872,524	14,146,068	112,018,592

¹ Includes overseas services.

TABLE 5. Statement of Earned Surplus of Selected Canadian Air Carriers, 1959

	Canadian Pacific Air Lines ¹	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines ¹	Total scheduled air lines	Class "B" carriers	Grand total
dollars									
Credit balance at beginning of year	Dr. 961,652	2,585,183	1,084,991	1,189,542	Dr. 120,842	6,689,114	10,466,336	2,893,119	13,359,455
Additions:									
Net income for the year	—	133,985	415,425	136,867	50,797	152,554	889,628	1,551,282	2,440,910
Miscellaneous credits	487,551	1,073,504	—	56,328	4,226	—	1,621,609	260,137	1,881,746
Total additions	487,551	1,207,489	415,425	193,195	55,023	152,554	2,511,237	1,811,419	4,322,656
Deductions:									
Deficit for the year	4,360,139	—	—	—	—	—	4,360,139	387,744	4,747,883
Miscellaneous debits	—	109,412	—	46	—	—	109,458	406,663	516,121
Dividends	—	153,000	69,537	2,845	—	—	225,382	304,828	530,210
Deductions from net worth	—	—	—	—	—	—	—	—	—
Total deductions	4,360,139	262,412	69,537	2,891	—	—	4,694,979	1,099,235	5,794,214
Credit balance at end of year	Dr. 4,834,240	3,530,260	1,430,879	1,379,846	Dr. 65,819	6,841,668	8,282,594	3,605,303	11,887,897

¹ Includes overseas services.

TABLE 6. Operating Statistics of Canadian and Foreign Air Carriers, 1959

	Canadian carriers					Foreign carriers		Grand total all services
	Domestic services		Trans- border services	Atlantic and Pacific services	Total	Trans- border services	Atlantic and Pacific services	
	Scheduled	Non- scheduled						
Miles flown:								
Revenue:								
Unit toll transportation	48,708,995	3,525,139	9,219,577	15,951,870	77,405,581	2,178,177	2,571,692	82,155,450
Bulk transportation	4,191,525	24,277,266	17,558	215,173	28,701,522	11,293	20,987	28,733,802
Total revenue miles flown	52,900,520	27,802,405	9,237,135	16,167,043	106,107,103	2,189,470	2,592,679	110,889,232
Hours flown:								
Revenue:								
Unit toll transportation	220,433	30,401	38,818	60,367	350,019	9,875	24,291	384,185
Bulk transportation	30,329	227,954	84	821	259,188	51	81	259,320
Other flying services	3,354	151,668	—	—	155,022	—	—	155,022
Total revenue	254,116	410,023	38,902	61,188	764,229	9,926	24,372	798,527
Non-revenue	9,632	19,376	175	2,441	31,624	87	—	31,711
Total hours flown	263,748	429,399	39,077	63,629	795,853	10,013	24,372	830,238
Fuel consumed:								
Turbo fuel	gal. 52,972,729	—	¹	6,084,996	59,057,725	3,265,568 ²	3,959,507 ²	66,282,800
Cost	\$ 7,979,473	—	¹	1,162,141	9,141,614	669,033	927,686	10,738,333
Gasoline	gal. 31,341,045	11,205,240	¹	20,451,230	62,997,515	9,509,902 ²	11,387,837 ²	83,895,254
Cost	\$ 9,776,597	4,694,815	¹	5,355,253	19,826,665	2,981,521	2,595,934	25,404,120
Oil for turbo aircraft	gal. 16,007	—	¹	2,490	18,497	685 ²	3,617 ²	22,799
Cost	\$ 232,351	—	¹	38,153	270,504	1,458	6,344	278,306
Oil for other aircraft	gal. 426,815	153,563	¹	290,548	870,926	153,666 ²	120,783 ²	1,145,375
Cost	\$ 383,032	208,500	¹	226,617	818,149	122,470	90,494	1,031,113
Average number of employees	12,440	2,249	¹	1,876	16,565	290	471	17,326
Salaries and wages	\$ 64,793,146	11,339,534	¹	10,015,760	86,148,440	1,474,001	2,224,324	87,846,765
Average number of aircraft:								
Owned	199	776	¹	25	1,000	...	...	1,000
Leased	10	70	¹	—	80	...	...	80
Totals	209	846	¹	25	1,080	...	...	1,080
Ratio of miles flown to miles scheduled ³	98.4	...	96.7	99.0	98.3	92.7	97.9	98.1
Revenue passenger load factor—Scheduled	65.1	...	71.4	59.0	64.0	27.5	48.1	62.0

¹ Included in scheduled domestic services.² Gasoline and oil taken on in Canada.³ Includes miles flown on regular scheduled flights only.

TABLE 7. Transportation Statistics of Canadian and Foreign Air Carriers, 1959

	Canadian carriers					Foreign carriers		Grand total all services
	Domestic services		Trans-border services	Atlantic and Pacific services	Total	Trans-border services	Atlantic and Pacific services	
	Scheduled	Non-scheduled						
Passengers carried:								
Revenue:								
Unit toll transportation	3,014,103	84,197	847,989	230,212	4,176,501	518,289	113,809	4,808,599
Bulk transportation	56,971	441,711	2,223	3,858	504,763	1,922	717	507,402
Total revenue	3,071,074	525,908	850,212 ¹	234,070	4,681,264	520,211	114,526	5,316,001
Non-revenue	9,808	7,353	..	4,077	21,238	8,024	2,769	32,031
Total passengers carried	3,080,882	533,261	850,212	238,147	4,702,502	528,235	117,295	5,348,032
Passenger miles — Unit toll transportation:								
Revenue	1,431,048,316	18,102,625	284,277,768	623,957,711	2,357,386,420	33,569,157	104,726,879	2,495,682,456
Non-revenue	56,255,900	799,016	3,442,934	39,694,746	100,192,596	786,916	1,774,059	102,753,571
Total passenger miles	1,487,304,216	18,901,641	287,720,702	663,652,457	2,457,579,016	34,356,073	106,500,938	2,598,436,027
Freight carried (lbs.):								
Revenue:								
Unit toll transportation	30,913,876	7,398,401	8,689,280	4,112,908	51,114,465	7,647,659	3,745,723	62,507,847
Bulk transportation	15,192,379	111,331,358	—	—	126,523,737	2,010	8,135	126,533,882
Total revenue	46,106,255	118,729,759	8,689,280 ²	4,112,908	177,638,202	7,649,669	3,753,858	189,041,729
Non-revenue	4,862,272	2,484,764	131,617	984,957	8,463,610	231,347	445,950	9,140,907
Total freight carried	50,968,527	121,214,523	8,820,897	5,097,865	186,101,812	7,881,016 ³	4,199,808 ³	198,182,636
Freight ton miles — Unit toll transportation:								
Revenue	11,969,866	1,887,450	1,475,309	7,498,944	22,831,569	310,500	1,480,757	24,622,826
Non-revenue	2,305,809	166,783	21,470	1,793,760	4,287,822	24,728	159,796	4,472,346
Total freight ton miles	14,275,675	2,054,233	1,496,779	9,292,704	27,119,391	335,228 ⁴	1,640,553 ⁴	29,095,172
Express carried (lbs.) — Unit toll transportation	15,539,837	460,948	2,537,356 ⁵	—	18,538,141	⁶	⁶	18,538,141
Express ton miles — Unit toll transportation	4,450,252	58,454	428,440	—	4,937,146	⁷	⁷	4,937,146
Excess baggage carried (lbs.) — Unit toll transportation	4,753,353	325,504	1,325,935 ⁸	407,227	6,812,019	⁶	⁶	6,812,019
Excess baggage ton miles — Unit toll transportation	955,864	71,171	226,464	483,050	1,736,549	⁷	⁷	1,736,549
Mail carried (lbs.) — Unit toll transportation	27,722,405	1,700,093	1,916,706	1,555,575	32,894,779	1,624,021	1,039,426	35,558,226
Mail ton miles — Unit toll transportation	9,623,549	220,588	348,938	2,922,512	13,115,587	71,654	515,397	13,682,638

¹ Includes 88,301 division interline passengers.² Includes 478,415 lbs. division interline freight.³ Includes express and excess baggage.⁴ Includes express and excess baggage ton miles.⁵ Includes 32,615 lbs. division interline express.⁶ Included in freight carried.⁷ Included in freight ton miles.⁸ Includes 180,597 lbs. division interline excess baggage.

TABLE 8. Revenues and Expenses of Canadian Air Carriers, 1959¹

	Canadian carriers		
	Scheduled ²	Non-scheduled	Total
	dollars		
Operating revenues:			
Unit toll transportation:			
Passengers	149,895,106	2,422,141	152,317,247
Mail	12,776,469	661,303	13,437,772
Freight	8,111,979	1,089,893	9,201,872
Express	3,561,823	68,915	3,630,738
Excess baggage	1,636,822	79,780	1,716,602
Total unit toll transportation	175,982,199	4,322,032	180,304,231
Bulk transportation	7,263,166	21,740,084	29,003,250
Other flying services	133,750	6,357,452	6,491,202
Total flying services	183,379,115	32,419,568	215,798,683
Non-flying services	2,105,805	2,519,070	4,624,875
Total operating revenues	185,484,920	34,938,638	220,423,558
Operating expenses:			
Aircraft operation and maintenance	107,859,811	23,716,240	131,576,051
Ground operation and maintenance	41,285,325	4,755,955	46,041,280
Traffic	24,517,732	780,516	25,298,248
General administration	11,963,281	3,604,182	15,567,463
General taxes	910,360	94,591	1,004,951
Total operating expenses	186,536,509	32,951,484	219,487,993
Operating income (or loss)	Dr. 1,051,589	1,987,154	935,565
Add non-operating income	1,631,611	131,532	1,763,143
Gross income	580,022	2,118,686	2,698,708
Deduct interest and other income charges	3,930,618	543,430	4,474,048
Net income before income taxes	Dr. 3,350,596	1,575,256	Dr. 1,775,340
Deduct provision for income taxes	119,915	588,923	708,838
Net income (or deficit) after income taxes	Dr. 3,470,511	986,333	Dr. 2,484,178
Operating ratio	100.6	94.3	99.6

¹ Revenues and expenses for foreign carriers not available.² Includes Canadian Trans-border, Atlantic and Pacific services.

TABLE 9. Operating Statistics of Domestic Services of Canadian Scheduled Air Carriers, 1959

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Miles scheduled	4,214,557	495,808	1,578,839 ¹	1,631,723 ¹	378,600	37,327,326	45,626,853
Miles flown:							
Revenue:							
Unit toll transportation	4,614,998	1,124,274	1,904,576	1,631,723	1,350,953	38,082,471	48,708,995
Bulk transportation	33,367	205,974	2,613,549	185,707	742,290	210,638	4,191,525
Total revenue	4,648,365	1,330,248	4,718,125	1,817,430	2,093,243	38,293,109	52,900,520
Non-revenue	195,447	47,679	298,563	323,235	67,121	1,054,101	1,986,146
Total miles flown	4,843,812	1,377,927	5,016,688	2,140,665	2,160,364	39,347,210	54,886,666
Hours flown:							
Revenue:							
Unit toll transportation	23,927	6,484	12,617	9,379	9,196	158,830	220,433
Bulk transportation	230	1,131	20,343	1,300	6,379	946	30,329
Other flying services	—	589	2,681	—	—	84	3,354
Total revenue	24,157	8,204	35,641	10,679	15,575	159,860	254,116
Non-revenue	1,078	290	2,275	582	539	4,868	9,632
Total hours flown	25,235	8,494	37,916	11,261	16,114	164,728	263,748
Fuel consumed:							
Turbo fuel	gal. 2,850,960	195,009	—	926,329	—	49,000,431 ¹	52,972,729
Cost	\$ 488,580	46,395	—	201,199	—	7,243,299 ²	7,979,473
Gasoline	gal. 3,461,212	972,457	2,580,917	680,794	1,150,620	22,495,045 ²	31,341,045
Cost	\$ 1,288,571	311,186	1,156,770	255,298	505,042	6,259,730 ²	9,776,597
Oil for turbo aircraft	gal. 847	78	—	284	—	14,798 ²	16,007
Cost	\$ 12,489	1,123	—	4,583	—	214,156 ²	232,351
Oil for other aircraft	gal. 42,498	11,781	34,428	11,233	14,314	312,561 ²	426,815
Cost	\$ 40,315	10,722	42,230	11,233	14,314	264,218 ²	383,032
Average number of employees	1,624	181	588	257	208	9,582 ²	12,440
Salaries and wages	\$ 8,081,290	895,678	3,029,707	925,711	990,490	50,870,270 ²	64,793,146
Average number of aircraft:							
Owned	21	14	42	12	29	81 ²	199
Leased	—	—	10	—	—	—	10
Totals	21	14	52	12	29	81²	209
Ratio of miles flown to miles scheduled ³	99.0	100.0	100.0	100.0	100.0	98.1	98.4
Revenue passenger load factor—Scheduled	64.8	61.2	50.4	50.6	..	65.9	65.1

¹ Estimated.² Includes Trans-border services.³ Includes miles flown on regular scheduled flights only.

TABLE 10. Operating Statistics of Non-scheduled Canadian Air Carriers, 1959

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total
Miles scheduled .....	...	...	...	...
Miles flown:				
Revenue:				
Unit toll transportation	3,454,601	65,786	4,752	3,525,139
Bulk transportation	18,960,520	3,116,199	2,200,547	24,277,266
Total revenue	22,415,121	3,181,985	2,205,299	27,802,405
Non-revenue .....	..	..	..	..
Total miles flown .....	..	..	..	..
Hours flown:				
Revenue:				
Unit toll transportation	29,490	811	100	30,401
Bulk transportation	178,510	29,184	20,260	227,954
Other flying services	83,767	33,841	34,060	151,668
Total revenue	291,767	63,836	54,420	410,023
Non-revenue	10,836	4,031	4,509	19,376
Total hours flown	302,603	67,867	58,929	429,399
Fuel consumed:				
Turbo fuel	gal. —	—	—	—
Cost	\$ —	—	—	—
Gasoline	gal. 10,152,530	648,713	403,997	11,205,240
Cost	\$ 4,278,204	212,990	203,621	4,694,815
Oil for turbo aircraft	gal. —	—	—	—
Cost	\$ —	—	—	—
Oil for other aircraft	gal. 140,808	6,526	6,229	153,563
Cost	\$ 183,001	12,958	12,541	208,500
Average number of employees	1,931	200	118	2,249
Salaries and wages	\$ 10,109,739	816,245	413,550	11,339,534
Average number of aircraft:				
Owned	476	146	154	776
Leased	41	13	16	70
Totals	517	159	170	846
Ratio of miles flown to miles scheduled .....	...	...	...	...
Revenue passenger load factor — Scheduled .....	...	...	...	...

TABLE 11. Operating Statistics of Atlantic and Pacific Services of Scheduled Canadian Air Carriers, 1959

	T.C.A. services	C.P.A. services	Total
Miles scheduled	7,836,326	7,792,139	15,628,465
Miles flown:			
Revenue:			
Unit toll transportation	8,049,681	7,902,189	15,951,870
Bulk transportation	123,780	91,393	215,173
Total revenue	8,173,461	7,993,582	16,167,043
Non-revenue	164,525	383,058	549,583
Total miles flown	8,337,986	8,378,640	16,716,626
Hours flown:			
Revenue:			
Unit toll transportation	31,849	28,518	60,367
Bulk transportation	473	348	821
Other flying services	—	—	—
Total revenue	32,322	28,866	61,188
Non-revenue	678	1,763	2,441
Total hours flown	33,000	30,629	63,629
Fuel consumed:			
Turbo fuel	gal. 163,630	5,921,366	6,084,996
Cost	\$ 12,164	1,149,977	1,162,141
Gasoline	gal. 13,127,081	7,324,149	20,451,230
Cost	\$ 3,185,378	2,169,875	5,355,253
Oil for turbo aircraft	gal. 44	2,446	2,490
Cost	\$ 453	37,700	38,153
Oil for other aircraft	gal. 198,820	91,728	290,548
Cost	\$ 142,586	84,031	226,617
Average number of employees	803	1,073	1,876
Salaries and wages	\$ 4,415,955	5,599,805	10,015,760
Average number of aircraft:			
Owned	11	14	25
Leased	—	—	—
Totals	11	14	25
Ratio of miles flown to miles scheduled ¹	98.8	99.3	99.0
Revenue passenger load factor — Scheduled	64.2	54.0	59.0

¹ Includes miles flown on regular scheduled flights only.

TABLE 12. Transportation Statistics of Domestic Services of Canadian Scheduled Air Carriers, 1959

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Passengers carried:							
Revenue:							
Scheduled:							
Originated	188,241	39,051	98,077	191,262	24,638	2,008,724	2,549,993
Domestic interline	19,697	4,157	—	—	—	—	23,854
Foreign interline	8,979	—	—	—	—	299,702	308,681
Division interline	687	—	—	—	—	84,716	85,403
Non-scheduled	4,524	7,912	10,515	—	23,221	—	46,172
Total unit toll transportation	222,128	51,120	108,592	191,262	47,859	2,393,142	3,014,103
Bulk transportation	957	4,595	29,987	5,421	6,410	9,601	56,971
Total revenue	223,085	55,715	138,579	196,683	54,269	2,402,743	3,071,074
Non-revenue	3,442	1,747	1,860	1,184	1,575	..	9,808
Total passengers carried	226,527	57,462	140,439	197,867	55,844	2,402,743	3,080,882
Passenger miles—Unit toll transportation:							
Revenue	157,027,003	10,812,259	24,002,000	25,065,095	15,947,977	1,198,193,982	1,431,048,316
Non-revenue	3,569,518	348,258	508,103	323,235	625,411	50,881,375	56,255,900
Total passenger miles	160,596,521	11,160,517	24,510,103	25,388,330	16,573,388	1,249,075,357	1,487,304,216
Freight carried (lbs.):							
Revenue:							
Scheduled:							
Originated	4,203,910	—	3,271,462	1,793,787	199,572	16,669,834	26,138,565
Domestic interline	33,225	—	—	—	—	—	33,225
Foreign interline	99,246	—	—	—	—	—	99,246
Division interline	21,786	—	—	—	—	2,472,354	2,494,140
Non-scheduled	194,186	—	107,406	—	1,847,108	—	2,148,700
Total unit toll transportation	4,552,353	—	3,378,868	1,793,787	2,046,680	19,142,188	30,913,876
Bulk transportation	47,505	384,753	9,328,005	1,197,435	3,665,473	569,188	15,192,379
Total revenue	4,599,858	384,753	12,706,873	2,991,242	5,712,153	19,711,376	46,106,255
Non-revenue	597,892	175,318	114,431	—	260,092	3,714,539	4,862,272
Total freight carried	5,197,750	560,071	12,821,304	2,991,242	5,972,245	23,425,915	50,968,527
Freight ton miles—Unit toll transportation:							
Revenue	1,506,358	—	695,226	135,686	400,908	9,231,688	11,969,866
Non-revenue	337,960	40,031	32,660	—	61,600	1,833,558	2,305,809
Total freight ton miles	1,844,318	40,031	727,886	135,686	462,508	11,065,246	14,275,675
Express carried (lbs.):							
Revenue:							
Scheduled:							
Originated	997,375	2,413,075	261,915	2,918,353	—	4,729,470	11,320,188
Domestic interline	—	52,030	—	—	—	—	52,030
Foreign interline	—	—	—	—	—	—	—
Division interline	—	—	—	—	—	498,829	498,829
Non-scheduled	14,754	3,654,036	—	—	—	—	3,668,790
Total unit toll transportation	1,012,129	6,119,141	261,915	2,918,353	—	5,228,299	15,539,837
Express ton miles—Unit toll transportation	291,450	1,642,739	75,549	215,963	—	2,224,551	4,450,252
Excess baggage carried (lbs.):							
Revenue:							
Scheduled:							
Originated	492,424	104,976	344,515	676,801	64,315	2,556,648	4,239,679
Domestic interline	26,569	—	—	—	—	29,439	56,008
Foreign interline	4,558	—	—	—	—	66,616	71,174
Division interline	178	—	—	—	—	211,169	211,347
Non-scheduled	11,080	61,679	20,914	—	82,372	—	175,145
Total unit toll transportation	534,809	166,655	364,529	676,801	146,687	2,863,872	4,753,353
Excess baggage ton miles—Unit toll transportation	188,051	28,248	68,619	78,256	30,411	562,279	955,864
Mail carried (lbs.)—Unit toll transportation	2,354,115	1,355,660	889,010	919,456	606,210	21,597,954	27,722,405
Mail ton miles—Unit toll transportation	558,534	150,832	234,954	62,809	73,257	8,543,163	9,623,549
Available seat miles—Scheduled	242,187,232	17,666,607	47,635,001	49,513,748	..	1,817,235,738	2,174,238,326
Available ton miles—Scheduled	34,222,757	3,110,412	5,639,364	5,295,185	1,193,419	245,062,856	294,523,993

TABLE 13. Transportation Statistics of Canadian Non-scheduled Air Carriers, 1959

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total
Passengers carried:				
Revenue:				
Scheduled:				
Originated .....	...	...	...	...
Domestic interline .....	...	...	...	...
Foreign interline .....	...	...	...	...
Division interline .....	...	...	...	...
Non-scheduled	80,816	3,147	234	...
Total unit toll transportation	80,816	3,147	234	84,197
Bulk transportation	311,937	92,816	36,958	441,711
Total revenue	392,753	95,963	37,192	525,908
Non-revenue	3,692	1,615	2,046	7,353
Total passenger carried	396,445	97,578	39,238	533,261
Passenger miles—Unit toll transportation:				
Revenue	17,819,395	282,489	741	18,102,625
Non-revenue	799,016	—	—	799,016
Total passenger miles	18,618,411	282,489	741	18,901,641
Freight carried (lbs.):				
Revenue:				
Scheduled:				
Originated .....	...	...	...	...
Domestic interline .....	...	...	...	...
Foreign interline .....	...	...	...	...
Division interline .....	...	...	...	...
Non-scheduled	7,398,401	—	—	7,398,401
Total unit toll transportation	7,398,401	—	—	7,398,401
Bulk transportation	101,928,138	7,448,285	1,954,935	111,331,358
Total revenue	109,326,539	7,448,285	1,954,935	118,729,759
Non-revenue	2,272,177	58,492	154,095	2,484,764
Total freight carried	111,598,716	7,506,777	2,109,030	121,214,523
Freight ton miles—Unit toll transportation:				
Revenue	1,887,450	—	—	1,887,450
Non-revenue	166,783	—	—	166,782
Total freight ton miles	2,054,233	—	—	2,054,233
Express carried (lbs.):				
Revenue:				
Scheduled:				
Originated .....	...	...	...	...
Domestic interline .....	...	...	...	...
Foreign interline .....	...	...	...	...
Division interline .....	...	...	...	...
Non-scheduled	460,948	—	—	460,948
Total unit toll transportation	460,948	—	—	460,948
Express ton miles—Unit toll transportation	58,454	—	—	58,454
Excess baggage carried (lbs.):				
Revenue:				
Scheduled:				
Originated .....	...	...	...	...
Domestic interline .....	...	...	...	...
Foreign interline .....	...	...	...	...
Division interline .....	...	...	...	...
Non-scheduled	325,504	—	—	325,504
Total unit toll transportation	325,504	—	—	325,504
Excess baggage ton miles—Unit toll transportation	71,171	—	—	71,171
Mail carried (lbs.)—Unit toll transportation	1,688,448	5,509	6,136	1,700,093
Mail ton miles—Unit toll transportation	220,527	27	34	220,588
Available seat miles—Scheduled .....	...	...	...	...
Available ton miles—Scheduled .....	...	...	...	...

TABLE 14. Transportation Statistics of Atlantic and Pacific Services of Canadian Scheduled Air Carriers, 1959

	T. C. A. services	C. P. A. services	Total
Passengers carried:			
Revenue:			
Scheduled:			
Originated	151,231	59,239	210,470
Domestic interline	—	1,715	1,715
Foreign interline	—	16,688	16,688
Division interline	18	1,321	1,339
Non-scheduled	—	—	—
Total unit toll transportation	151,249	78,963	230,212
Bulk transportation	2,522	1,336	3,858
Total revenue	153,771	80,299	234,070
Non-revenue .....	..	4,077	4,077
Total passengers carried	153,771	84,376	238,147
Passenger miles—Unit toll transportation:			
Revenue	330,095,410	293,862,301	623,957,711
Non-revenue	29,440,602	10,254,144	39,694,746
Total passenger miles	359,536,012	304,116,445	663,652,457
Freight carried (lbs.):			
Revenue:			
Scheduled:			
Originated	3,013,476	512,157	3,525,633
Domestic interline	—	56,859	56,859
Foreign interline	—	366,002	366,002
Division interline	2,309	162,105	164,414
Non-scheduled	—	—	—
Total unit toll transportation	3,015,785	1,097,123	4,112,908
Bulk transportation	—	—	—
Total revenue	3,015,785	1,097,123	4,112,908
Non-revenue	544,268	440,689	984,957
Total freight carried	3,560,053	1,537,812	5,097,865
Freight ton miles—Unit toll transportation:			
Revenue	4,263,325	3,235,619	7,498,944
Non-revenue	745,561	1,048,199	1,793,760
Total freight ton miles	5,008,886	4,283,818	9,292,704
Express carried (lbs.):			
Revenue:			
Scheduled:			
Originated	—	—	—
Domestic interline	—	—	—
Foreign interline	—	—	—
Division interline	—	—	—
Non-scheduled	—	—	—
Total unit toll transportation	—	—	—
Express ton miles—Unit toll transportation	—	—	—
Excess baggage carried (lbs.):			
Revenue:			
Scheduled:			
Originated	280,553	98,080	378,633
Domestic interline	—	2,085	2,085
Foreign interline	—	25,345	25,345
Division interline	—	1,164	1,164
Non-scheduled	—	—	—
Total unit toll transportation	280,553	126,674	407,227
Excess baggage ton miles—Unit toll transportation	249,935	233,115	483,050
Mail carried (lbs.)—Unit toll transportation	1,215,687	339,888	1,555,575
Mail ton miles—Unit toll transportation	2,013,152	909,360	2,922,512
Available seat miles—Scheduled	513,791,789	544,190,055	1,057,981,844
Available ton miles—Scheduled	63,235,501	61,087,167	124,322,668

TABLE 15. Revenues and Expenses of Canadian Scheduled Air Carriers, 1959

	Canadian Pacific Air Lines ¹	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines ²	Total
	dollars						
Operating revenues:							
Unit toll transportation:							
Passengers	28,544,182	1,003,603	2,166,983	2,392,682	1,449,127	114,338,529	149,895,106
Mail	1,965,501	242,844	305,625	93,588	182,436	9,986,475	12,776,469
Freight	2,101,807	—	427,923	385,079	377,984	4,819,186	8,111,979
Express	266,413	761,165	87,679	—	—	2,446,566	3,561,823
Excess baggage	372,302	29,911	78,179	85,599	29,856	1,040,975	1,636,822
Total unit toll transportation	33,250,205	2,037,523	3,066,389	2,956,948	2,039,403	132,631,731	175,982,199
Bulk transportation	374,386	337,379	4,734,252	225,206	739,117	852,826	7,263,166
Other flying services	—	58,943	—	—	51,022	23,785	133,750
Total flying services	33,624,591	2,433,845	7,800,641	3,182,154	2,829,542	133,508,342	183,379,115
Non-flying services	364,565	464,544	63,250	4,802	38,238	1,170,406	2,105,805
Total operating revenues	33,989,156	2,898,389	7,863,891	3,186,956	2,867,780	134,678,748	185,484,920
Operating expenses:							
Aircraft operation and maintenance	24,010,675	1,760,594	5,298,042	1,762,269	1,873,881	73,154,350	107,859,811
Ground operation and maintenance	6,368,126	579,882	830,950	671,052	556,257	32,279,058	41,285,325
Traffic	5,427,121	66,505	756,422	299,252	33,714	17,934,718	24,517,732
General administration	2,328,735	242,930	723,179	198,985	236,487	8,232,965	11,963,281
General taxes	190,058	17,168	14,036	13,588	11,330	664,180	910,360
Total operating expenses	38,324,715	2,667,079	7,622,629	2,945,146	2,711,669	132,265,277	186,536,509
Operating income (or loss)	Dr. 4,335,559	231,310	241,262	241,810	156,111	2,413,471	Dr. 1,051,589
Add non-operating income	312,455	153,306	388,102	667	39,863	737,218	1,631,611
Gross income	Dr. 4,023,104	384,616	629,364	242,477	195,974	3,150,695	580,022
Deduct interest and other income charges	337,035	154,931	208,791	92,139	139,581	2,998,141	3,930,618
Net income before income taxes	Dr. 4,360,139	229,685	420,573	150,338	56,393	152,554	Dr. 3,350,596
Deduct provision for income taxes	—	95,700	5,148	13,471	5,596	—	119,915
Net income (or deficit after income taxes)	Dr. 4,360,139	133,985	415,425	136,867	50,797	152,554	Dr. 3,470,511
Operating ratio	112.8	92.0	96.9	92.4	94.6	98.2	100.6

¹ C.P.A. consolidated financial statement, includes: Domestic Trans-Polar and Pacific services.² T.C.A. consolidated financial statement, includes: Domestic, Trans-border and Atlantic services.

TABLE 16. Revenues and Expenses of Canadian Non-scheduled Air Carriers, 1959

	Class "B" carriers	Class "C" carriers	Class "D" carriers	Total
	dollars			
Operating revenues:				
Unit toll transportation:				
Passengers	2,421,650	491	—	2,422,141
Mail	660,276	1,027	—	661,303
Freight	1,089,893	—	—	1,089,893
Express	68,915	—	—	68,915
Excess baggage	79,780	—	—	79,780
Total unit toll transportation	4,320,514	1,518	—	4,322,032
Bulk transportation	19,466,059	1,599,236	674,789	21,740,084
Other flying services	5,081,453	650,116	625,883	6,357,452
Total flying services	28,868,026	2,250,870	1,300,672	32,419,568
Non-flying services	1,798,938	202,691	517,441	2,519,070
Total operating revenues	30,666,964	2,453,561	1,818,113	34,938,638
Operating expenses:				
Aircraft operation and maintenance	20,747,054	1,785,614	1,183,572	23,716,240
Ground operation and maintenance	4,101,763	343,018	311,174	4,755,955
Traffic	644,059	65,617	70,840	780,516
General administration	3,058,341	343,906	201,935	3,604,182
General taxes	98,260	Cr. 10,758	7,089	94,591
Total operating expenses	28,649,477	2,527,397	1,774,610	32,951,484
Operating income (or loss)	2,017,487	Dr. 73,836	43,503	1,987,154
Add non-operating income	151,931	Dr. 51,665	31,266	131,532
Gross income	2,169,418	Dr. 125,501	74,769	2,118,686
Deduct interest and other income charges	466,844	48,991	27,595	543,430
Net income before income taxes	1,702,574	Dr. 174,492	47,174	1,575,256
Deduct provision for income taxes	565,688	12,004	11,231	588,923
Net income (or deficit) after income taxes	1,136,886	186,496	35,943	986,333
Operating ratio	93.4	103.0	97.6	94.3

TABLE 17. Employees, Salaries and Wages of Canadian and Foreign Air Carriers, 1959

Canadian carriers	Employees	Salaries and wages	Companies	Employees	Salaries and wages
		\$			\$
General officers.....	1,102	9,278,651	Canadian Pacific Air Lines ¹	2,697	13,681,095
Clerks and stenographers.....	2,167	7,744,360	Maritime Central Airways.....	181	895,678
Pilots.....	1,612	14,740,564	Pacific Western Airlines.....	588	3,029,707
Co-pilots.....	237	1,903,379	Quebecair Inc.....	257	925,711
Despatchers.....	207	1,160,644	Transair Ltd.....	208	990,490
Communication operators ²	427	1,594,418	Trans-Canada Air Lines ¹	10,385	55,286,225
Stewards or other attendants.....	929	3,733,468	Total scheduled.....	14,316	74,808,906
Air engineers.....	990	5,981,205	Class "B" carriers.....	1,931	10,109,739
Mechanics.....	3,051	15,132,277	Class "C" carriers.....	200	816,245
Airport employees.....	2,586	10,625,488	Class "D" carriers.....	118	413,550
Stores employees.....	410	1,623,835	Total Canadian.....	16,565	86,148,440
Other employees.....	2,847	12,630,151	Foreign carriers:		
Totals.....	16,565	86,148,440	Trans-border services.....	290	1,474,001
			Atlantic and Pacific services.....	471	2,224,324
			Total carriers.....	17,326	87,846,765

¹ Includes Overseas Services.² Decrease due to reclassification.TABLE 18. Accidents involving Canadian Air Carriers, 1955-59¹

	1958 ²	1957	1956	1955		1958 ²	1957	1956	1955
Casualties:					Number of accidents reported.....	355	396	262	264
Pilot:					Type of flying:				
Fatal.....	30	40	26	40	Instructional.....	7	12	6	6
Serious.....	20	30	13	17	Practice.....	26	48	26	7
Minor.....	8	14	13	13	Private.....	236 ³	230 ³	151 ³	152 ³
Crew:					Scheduled.....	—	4 ³	3 ³	2 ³
Fatal.....	—	5	7	2	Non-scheduled.....	112 ³	154 ³	106 ³	107 ³
Serious.....	—	—	1	—	State.....	7 ³	8 ³	2 ³	3 ³
Minor.....	—	1	—	1	Other (including ferry, test, etc.).....	—	5	4	5
Passengers:					Probable cause (per cent):				
Fatal.....	21	135	97	42	Personnel.....	76.9	73.2	74.8	51.9
Serious.....	27	13	18	26	Material failure.....	7.3	12.8	14.6	19.7
Minor.....	9	11	18	16	Weather.....	2.8	2.3	1.5	7.6
Other:					Aerodrome terrain or water.....	3.4	3.1	5.3	11.0
Fatal.....	—	—	—	2	Miscellaneous.....	2.5	3.1	—	2.3
Serious.....	1	5	—	1	Undetermined.....	7.1	5.5	3.8	7.5
Minor.....	—	1	1	—					
Operational phase:									
Engine running not taxiing.....	7	5	—	4					
Taxiing.....	32	30	16	30					
Take-off.....	87	78	36	56					
En route.....	66	85	46	41					
Landing.....	155	195	163	127					
Missed landing.....	8	—	—	—					
Aircraft at rest.....	—	3	1	6					
Undetermined.....	—	—	—	—					

¹ As reported by Civil Aviation Division, Department of Transport.² Subject to revision.³ Includes instructional, practice, and other flying accidents.

Note: Data for 1959 are not available.

TABLE 19. Personnel and Airport Licences Issued and Aircraft Registered as of December 31, 1959¹

Personnel	In force December 31, 1959	In force December 31, 1958	Aircraft registered	Total December 31, 1959	Total December 31, 1958
Pilots:					
Glider.....	376	304	Commercial.....	1,880	1,879
Private.....	10,596	9,043	Private.....	2,780	2,438
Commercial (old type).....	—	—	State.....	197	192
Commercial.....	2,338	2,548	Grand totals.....	4,857	4,509
Senior commercial.....	407	423			
Transport.....	—	—	Airports		
Airline transport.....	1,179	1,069			
Air navigators.....	104	108			
Air traffic controllers.....	722	631			
Flight engineers.....	54	49			
Aircraft maintenance engineers..	1,863	2,043			
				In force December 31, 1959	In force December 31, 1958
				456	452

¹ As reported by Civil Aviation Division, Department of Transport.

TABLE 20. Statistical Summary of Operations of Canadian Helicopter Carriers, 1959¹

	1959		1959
Average number of aircraft	110	Operating revenues:	
Revenue miles flown — Bulk Transportation	2,034,603	Bulk transportation	4,172,502
Revenue hours flown	56,116	Other flying services	1,260,328
Revenue passengers carried	43,807	Non-flying services	248,447
Revenue freight carried (lbs.)	5,299,612	Total	5,681,277
Fuel consumed:		Operating expenses:	
Gasoline gal.	953,617	Aircraft operation and maintenance	3,891,179
Cost \$	522,736	Ground operation and maintenance	558,933
Oil gal.	20,347	Traffic, general administration and taxes	659,398
Cost \$	31,104	Total	5,109,510
Average number of employees	331	Operating income (or loss)	571,767
Salaries and wages \$	2,140,634	Net income (or deficit) after income taxes	402,151

¹ These data are included in preceding tables.

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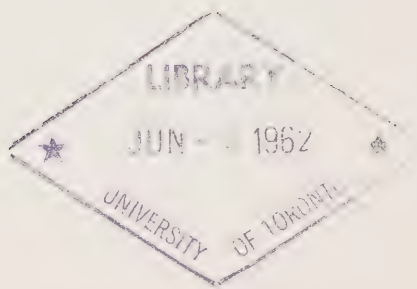
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1960



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CIVIL AVIATION

1960

ERRATA

Page 5, heading:

Reads: Civil Aviation 1961

Should read: Civil Aviation 1960

Page 6, 2nd column, 2nd line:

Reads: Revenue goods, including mail, aggregated

Should read: Revenue goods, excluding mail, aggregated

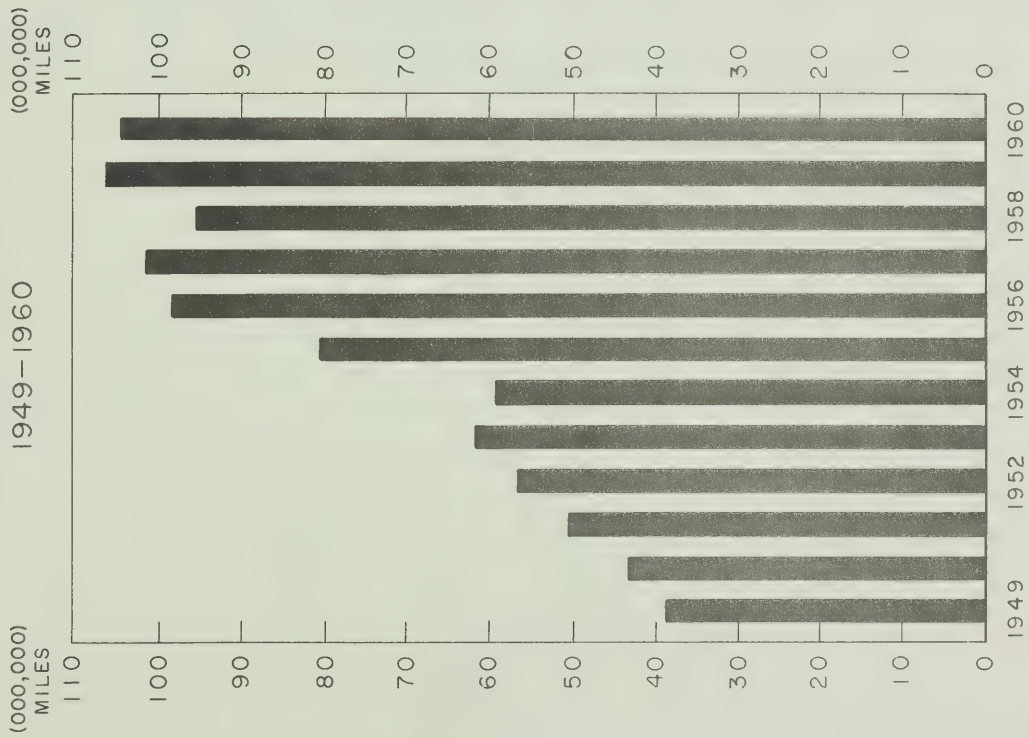
Pages 4 and 7:

Please substitute the attached for Charts A, B, C and D.



CHART A

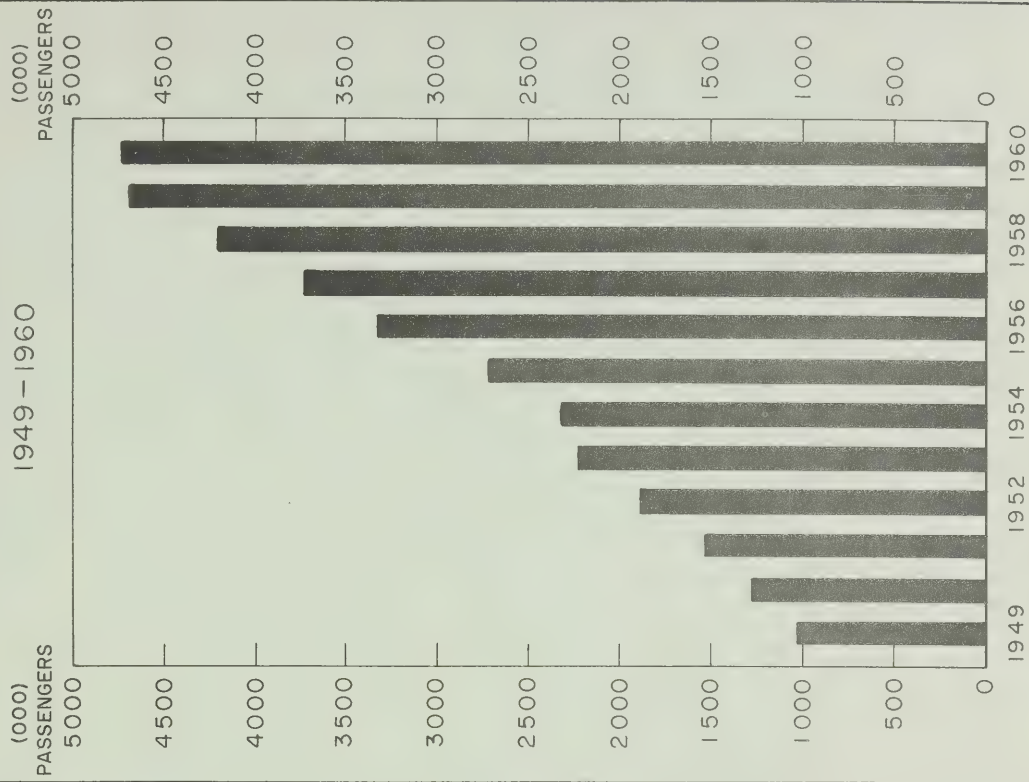
REVENUE MILES FLOWN BY CANADIAN CARRIERS*



*Includes C.P.A., T.C.A. Overseas Routes.

CHART B

REVENUE PASSENGERS CARRIED BY CANADIAN CARRIERS*

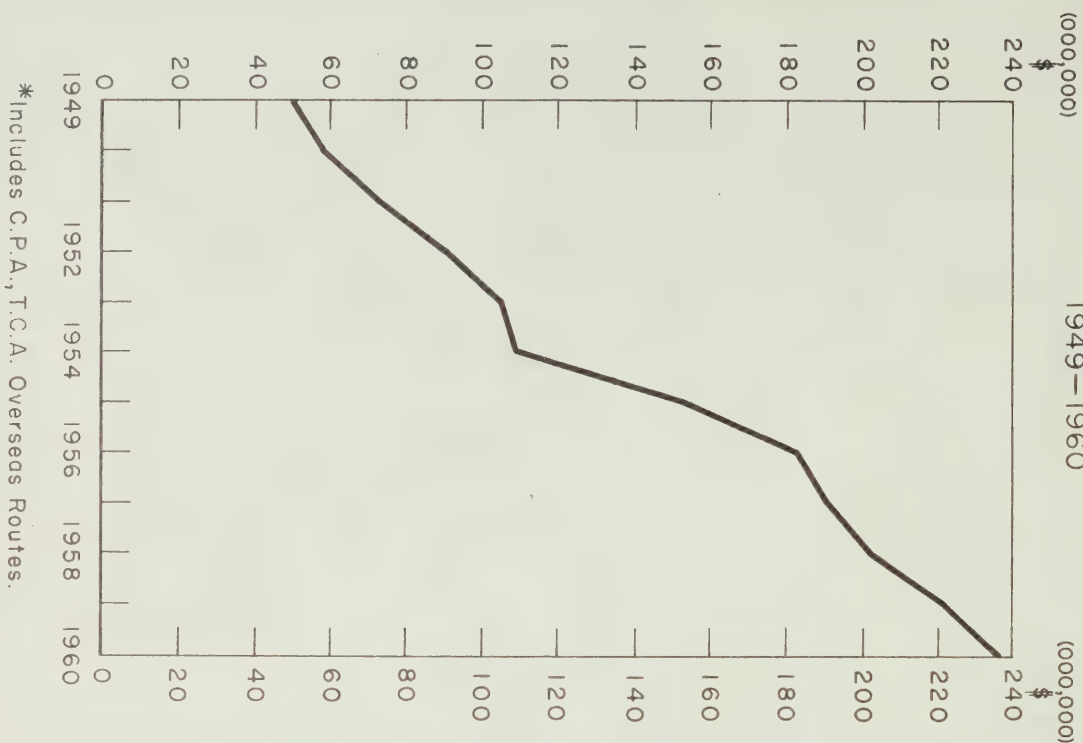


*Includes C.P.A., T.C.A. Overseas Routes.

CHART C

OPERATING REVENUES OF CANADIAN CARRIERS*

1949-1960



*Includes C.P.A., T.C.A. Overseas Routes.

CHART D

REVENUE CARGO AND MAIL CARRIED BY CANADIAN CARRIERS*

1949-1960

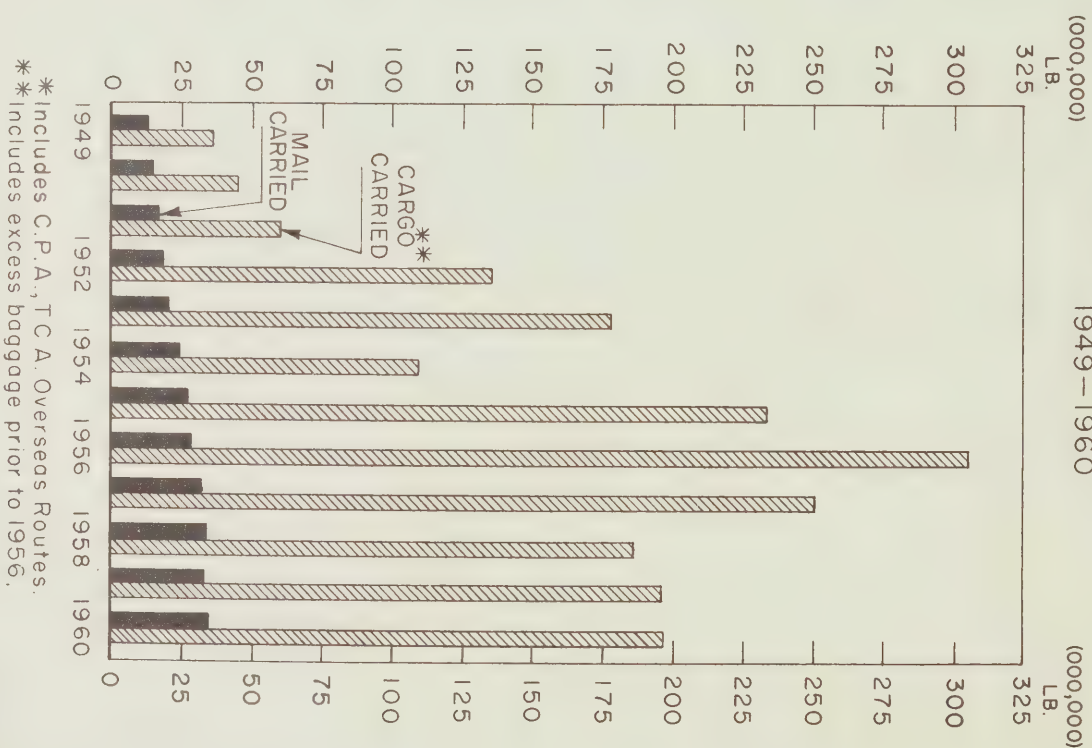
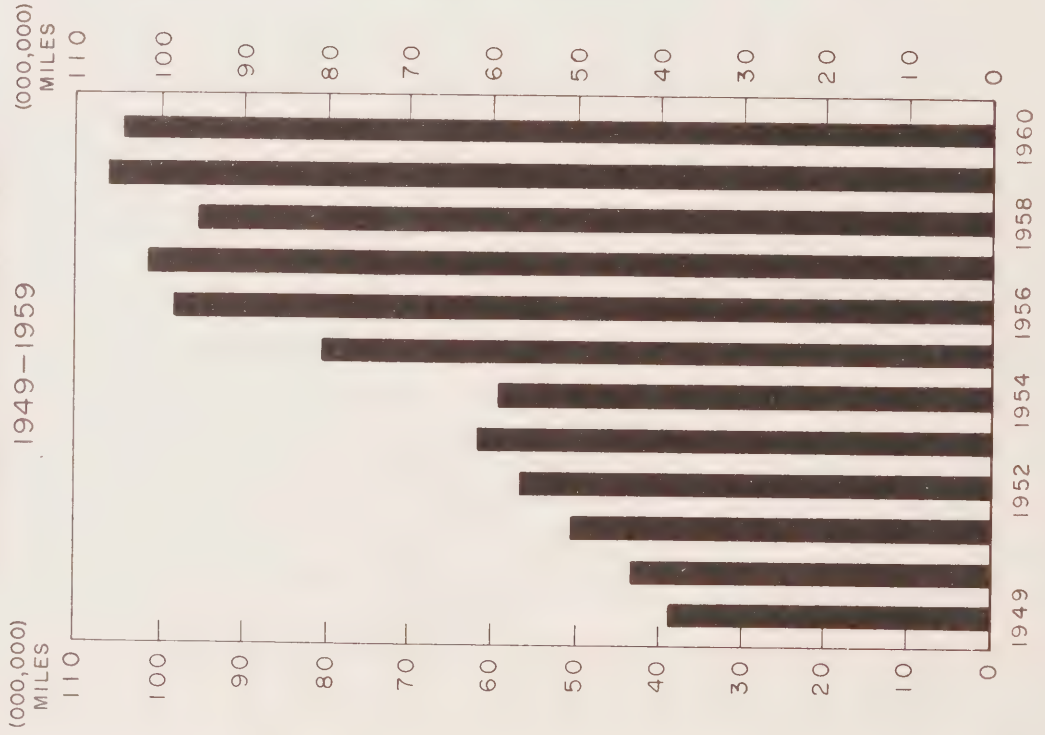
*Includes C.P.A., T.C.A. Overseas Routes.
**Includes excess baggage prior to 1956.

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CHART A

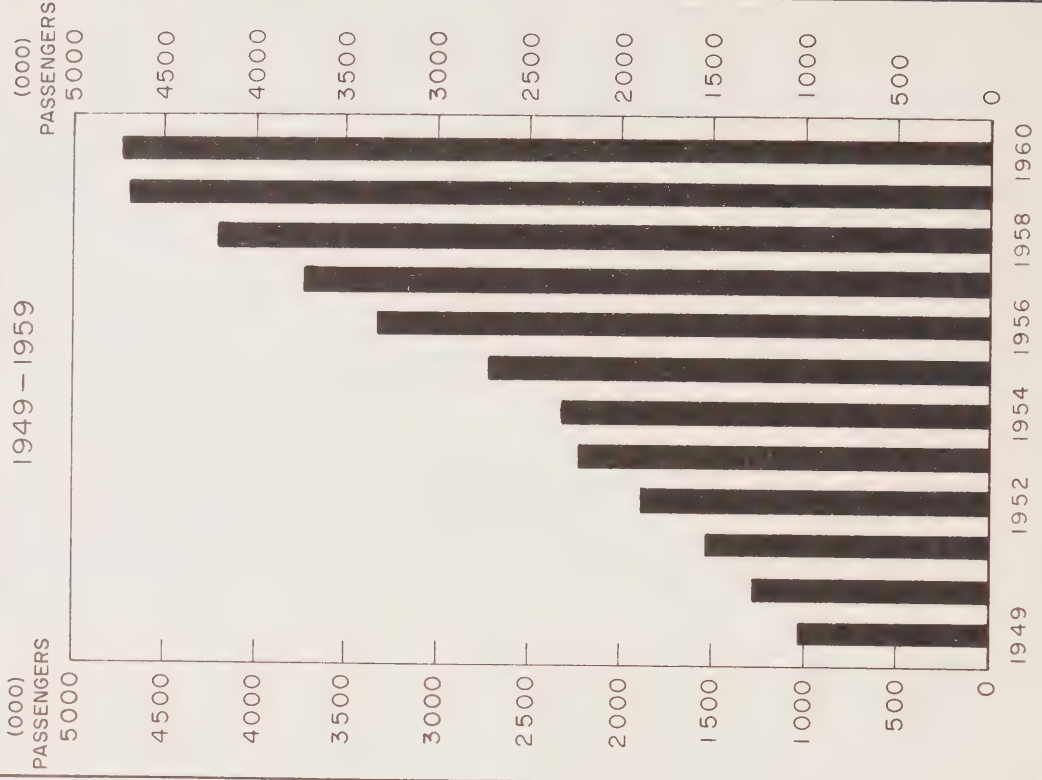
REVENUE MILES FLOWN BY CANADIAN CARRIERS*



*Includes C.P.A., T.C.A. Overseas Routes.

CHART B

REVENUE PASSENGERS CARRIED BY CANADIAN CARRIERS*



*Includes C.P.A., T.C.A. Overseas Routes.

CIVIL AVIATION

1961

Concepts

During 1959, the Air Transport Board, the Department of Transport, and the Dominion Bureau of Statistics completed, jointly, a major revision of the civil aviation statistical schedules filed by Canadian commercial air carriers. These revised reporting forms went into effect January 1, 1960, and necessitated a complete review of the monthly and annual "Civil Aviation" publications produced by the Dominion Bureau of Statistics. The more important conceptual changes in these publications are:

1. A revision of the "Uniform System of Accounts and Reports for Commercial Air Carriers";
2. A revision of the basis of classifying commercial air carriers;
3. The exclusion from industry totals of the operations of Group V carriers;
4. The consolidation of the domestic and international services of Canadian carriers.

The revised "Uniform System of Accounts and Reports for Commercial Air Carriers" conforms more closely with the one used by the Civil Aeronautics Board in the United States. Although this new classification of accounts is not entirely comparable with the old one, it provides a more comprehensive picture of the air carriers' financial operations.

Commercial air carriers are now classified on the basis of their annual gross flying revenues. This new classification comprises five carrier groups, each with different reporting requirements whereas the previous classification was based on gross annual revenues and contained four classes of carriers. The present groups and the former classes are defined below.

The 1960 Classification of Commercial Air Carriers:

Group I—Trans-Canada Air Lines and Canadian Pacific Air Lines.

Group II—All other carriers licensed to perform scheduled service plus two major transport carriers: Nordair Ltd. and Wheeler Air Lines Ltd.

Group III—All carriers with gross annual flying revenues of \$400,000 and over which are not included in Groups I and II.

Group IV—All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000 and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.

Group V—All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.

The 1959 Classification of Commercial Air Carriers:

Class A—All carriers licensed to perform scheduled service.

Class B—All carriers licensed to perform non-scheduled service and having gross annual revenues of \$100,000 and over.

Class C—All carriers licensed to perform non-scheduled service and having gross annual revenues of between \$25,000 and \$100,000.

Class D—All carriers licensed to perform non-scheduled service and having gross annual revenues of \$25,000 or less.

The number of carriers included with each group or class is indicated below:

1960 Groups		1959 Classes	
Group I.....	2	Class A	6
Group II	6	Class B	67
Group III	15	Class C	62
Group IV	63	Class D	120
Group V	203		
Total.....	289	Total	255

As the foregoing table demonstrates, the 1960 groups are not comparable with the 1959 classes. The larger number of carriers reporting in 1960 includes a number of small Group V carriers which did not file any returns with the Dominion Bureau of Statistics in previous years. Nordair Ltd. and Wheeler Air Lines Ltd. which are classified as Group II carriers have been included with Group III carriers in this report for statistical purposes. As a result, Groups I and II consist of scheduled carriers only and combined are equivalent to the 1959 Class A carriers.

As Group V carriers file reports on a quarterly basis only, data on their operations are not available for monthly publication but are shown in a special table at the end of each quarter. These statistics are not included in industry totals shown in other tables of the report and the same practice has been followed in the preparation of this annual publication. The total number of carriers covered in the summary tables of this annual report, therefore, is considerably less than in previous years. The effect of this change, however, is not considered significant as operating revenues of all Group V carriers in 1960 accounted for only 2.9 per cent of the operating revenues of all Canadian carriers.

Domestic and international operations of Canadian carriers are shown together, contrary to past practice. However, all the information available separately for each type of operation has been assembled and presented in Table 5.

Data for foreign carriers operating in Canada, as in the past, are not comparable with those shown for the Canadian carriers as foreign companies are required to report hours and miles flown over Canadian territory only and passengers and goods in transit are excluded.

Despite the changes described above, every effort has been made to maintain continuity between this issue of "Civil Aviation" and previous annual reports. The data shown in the statistical summary (Table 1) contains most of the items for which con-

tinuity has been maintained and this table has been revised to enable a direct comparison for the six year period. It should be noted however that complete continuity is no longer possible. This applies particularly to financial detail due to the revision of the "Uniform Classification of Accounts". It is considered that although there has been a break in the continuity, the revision has resulted in a substantial improvement in the coverage, and quality of civil aviation statistics as well as an expansion of the amount of information available for analytical purposes.

Additions to the annual report include tables showing the interline traffic on mainline services of Canadian carriers (Table 5) and unit toll traffic carried into and out of Canada by foreign carriers, by geographic area (Table 6). It should be noted, however, that totals shown for individual geographic areas are not entirely accurate. Some carriers, operating under fifth freedom rights, transport passengers and goods between Canada and more than one geographic area and are not in a position to provide separate figures for each of these services. For example, all Air France traffic to and from Canada is shown as originating from or destined to Europe although this carrier has a fifth freedom license to transport passengers and goods between Canada and the United States.

Also available for the first time is a cross classification of operating expenses on an objective and functional distribution basis (Tables 14, 15, 16).

Table 17 is a special table designed to provide separate data on companies which operate helicopters only. It has been estimated that these companies operate approximately 75 per cent of all helicopters engaged in commercial services in Canada. Helicopters operated by firms which also have fixed wing aircraft are excluded.

Wherever possible, unit toll services of Canadian carriers are broken down into scheduled and non-scheduled. A complete breakdown is not possible, however, as some carriers offer both services on specific routes. In such cases, the route is assigned to the class of service which predominates.

Review of 1960 Operations

A review of 1960 operations (Table 1) reveals that Canadian carriers transported a record number of revenue passengers during the year, a total of 4,727,415. This represented an increase of one per

cent over the previous year's record of 4,681,264. Revenue goods carried, including mail, aggregated 203,353,000 lbs. This was above the 1959 total of 202,988,362 lbs. but considerably below the 1956 high of 310,003,135 lbs. Passenger-miles, which are available for the unit toll services only, advanced 13.3 per cent to 2,671,926,081 from 2,357,386,420 and goods ton-miles (cargo, mail and excess baggage combined), on these same services, increased 15 per cent to 49,022,425 from 42,620,851. Foreign airlines transported into and out of Canada 724,301 revenue passengers and 16,706,880 lbs. of revenue goods as compared with 634,737 passengers and 14,066,974 lbs. of goods carried in 1959. This represented increases of 14.1 per cent in the number of passengers and 18.8 per cent in the volume of goods (Table 2).

Operating revenues and operating expenses of Canadian carriers reached new highs in 1960. Revenues amounted to \$235,973,562, an increase of 7 per cent over the previous record of \$220,423,558 established in 1959 and operating expenses totalled \$237,714,284, a rise of 8.3 per cent above the 1959 previous peak of \$219,487,993. As a result there was an operating loss of \$1,740,722, the first since 1950 when Canadian carriers reported operating expenses which exceeded operating revenues by \$151,645. In 1959, an operating income of \$935,565 had been realized. The deficit after income taxes, in 1960, was the highest ever recorded. It amounted to \$6,450,886 as compared with a deficit of \$2,484,178 reported in the previous year (Table 1).

Total assets of Canadian carriers, as of December 31, 1960, were valued at \$335,049,663 and were much above the assets of \$262,341,755 shown in the carriers' books at the end of 1959. Scheduled carriers were responsible for this entire increase as their 1960 assets were worth \$304,574,765 as opposed to \$231,137,625 in the previous year. Of all accounts, Property and Equipment showed the largest increase as a total value of \$231,756,403 was reported under this item in 1960 compared with \$183,880,747 in the preceding year (Table 8).

More accidents occurred to aircraft of Canadian registry in 1960 (331) than in the previous year (309) (Table 19). Commercial aircraft were involved in 126 accidents as compared with 106 in 1959 and the total number of persons killed in all aircraft accidents dropped to 57 from 91. There were 5,318 aircraft of all types registered as of December 31, 1960, and 483 established airports (Table 21).

March 16, 1962.

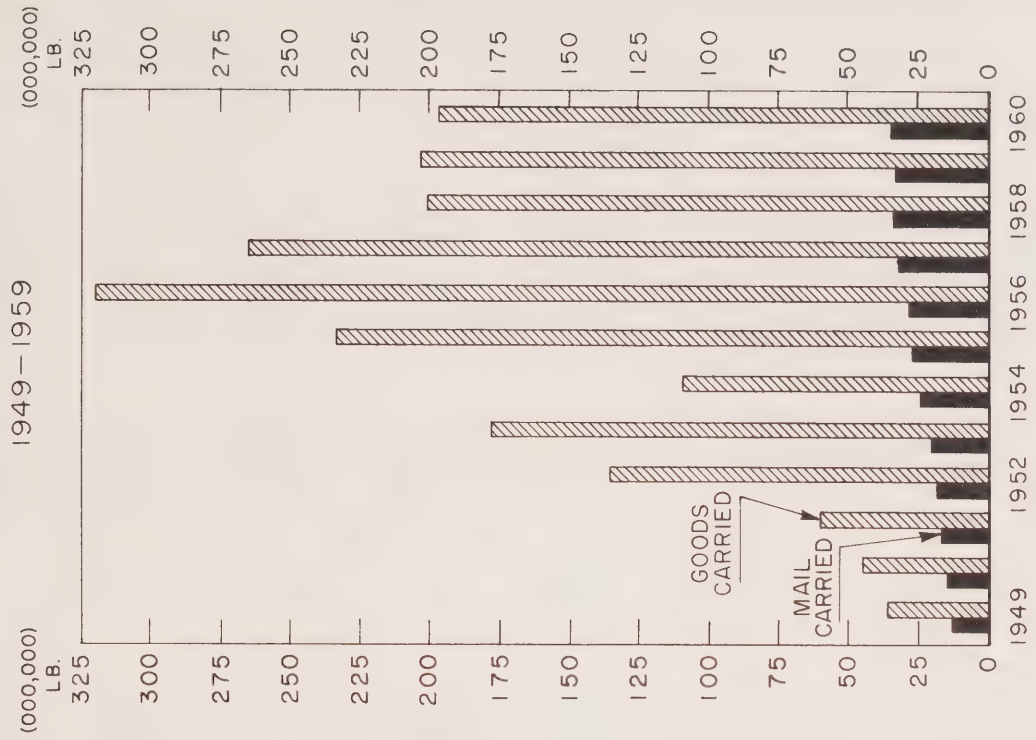
SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.

CHART D

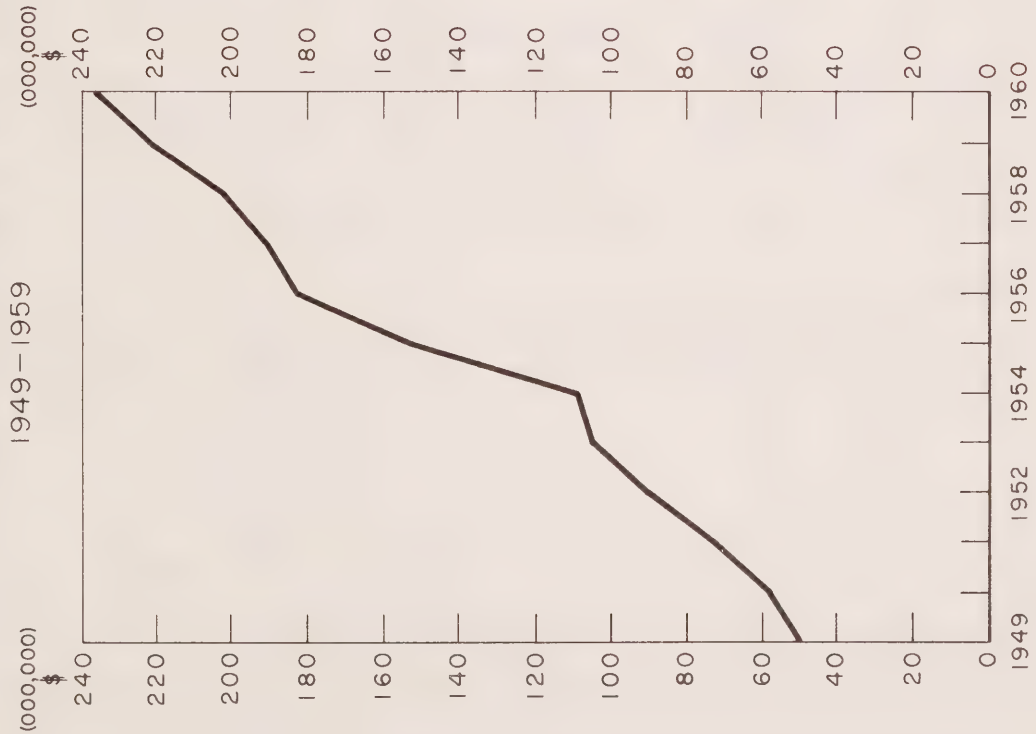
REVENUE GOODS AND MAIL CARRIED CANADIAN CARRIERS*



*Includes C.P.A., T.C.A. Overseas Routes.

CHART C

OPERATING REVENUES OF CANADIAN CARRIERS*



*Includes C.P.A., T.C.A. Overseas Routes.

TABLE 1. Statistical Summary of Civil Aviation in Canada, 1955-60

		1960	1959	1958	1957	1956	1955
Canadian Carriers							
Operating statistics:							
Unit toll transportation:							
Revenue:							
Hours flown.....	No.	383,181	350,019	323,972	314,075	288,120	261,424
Miles flown.....	"	80,246,283	77,405,581	69,438,086	64,472,262	56,067,785	48,593,351
Passengers carried.....	"	4,218,431	4,176,501	3,599,365	3,217,266	2,796,841	2,311,115
Cargo and excess baggage carried.....	lb.	80,152,652	76,464,625	63,761,034	61,692,930	63,117,432	49,506,021
Mail carried.....	"	34,633,139	32,894,779	31,387,841	29,263,675	25,570,279	24,267,437
Passenger-miles.....	No.	2,671,926,081	2,357,386,420	2,036,163,546	1,737,582,244	1,480,639,773	1,175,343,729
Cargo and excess baggage ton-miles.....	"	35,316,334	29,505,264	25,395,836	23,587,208	21,316,572	17,496,038
Mail ton-miles.....	"	13,706,091	13,115,587	12,225,661	11,447,229	9,894,104	8,937,435
Bulk transportation:							
Revenue:							
Hours flown.....	"	230,670	259,188	233,380	298,941	343,316	254,880
Miles flown.....	"	23,938,740	28,701,522	26,372,480	36,743,407	42,369,709	32,266,480
Passengers carried.....	"	508,984	504,763	423,572	509,337	523,864	406,222
Freight carried.....	lb.	123,200,348	126,523,737	128,006,002	194,456,192	246,885,703	175,788,626
Other flying services:							
Revenue hours flown.....	No.	81,059	155,022	135,587	113,271	87,920	74,989
Total — All services:							
Traffic, hours and miles:							
Revenue:							
Hours flown.....	"	694,910	764,229	692,939	726,287	719,356	591,293
Miles flown.....	"	104,185,023	106,107,103	95,810,566	101,215,669	98,437,494	80,859,831
Passengers carried.....	"	4,727,415	4,681,264	4,022,937	3,726,603	3,320,705	2,717,337
Cargo and excess baggage carried.....	lb.	203,353,000	202,988,362	191,767,036	256,149,122	310,003,135	225,294,647
Goods carried ²	"	237,986,139	235,883,141	223,154,877	285,412,797	335,573,414	249,562,084
Non-revenue:							
Hours flown.....	No.	24,251	31,624	35,427	40,641	37,478	31,248
Passengers carried.....	"	..	21,238	13,692	25,811	49,262	45,407
Goods carried ²	lb.	..	8,463,610	5,913,962	6,342,973	6,953,982	6,550,360
Passengers-miles.....	No.	127,072,658	100,192,596	84,572,322	69,097,794	58,886,228	55,803,177
Goods ton-miles.....	"	5,244,953	4,287,822	3,296,840	2,844,976	2,863,082	3,336,764
Fuel and oil consumed:							
Fuel.....	gal.	139,425,893	122,055,240	106,118,520	94,581,917	83,430,347	65,422,771
Cost.....	\$	29,910,391	28,968,279	27,853,593	29,351,637	27,584,973	22,004,244
Oil.....	gal.	812,232	889,423	897,280	1,000,998	1,002,674	902,445
Cost.....	\$	907,179	1,088,653	1,051,931	1,033,493	1,053,188	896,667
Average number of employees.....		17,106	16,565	15,990	16,014	14,848	13,271
Salaries and wages paid.....	\$	95,650,809	86,148,440	80,235,145	75,313,556	65,240,831	55,520,899
Revenues and expenses:							
Operating revenues.....	\$	235,973,562	220,423,558	201,713,936	190,043,065	182,168,850	152,739,018
Operating expenses.....	\$	237,714,284	219,487,993	200,278,225	189,413,789	174,581,980	146,654,814
Operating income (loss).....	\$	Dr. 1,740,722	935,565	1,435,711	629,276	7,586,870	6,084,204
Net income or deficit after income taxes.....	\$	Dr. 6,450,886	Dr. 2,484,178	Dr. 1,806,744	Dr. 552,897	4,699,586	4,132,752
Canadian and Foreign Carriers³							
Operating statistics:							
Revenue:							
Hours flown (all services).....	No.	712,371	798,527	709,337	742,056	734,822	605,913
Miles flown (transportation services).....	"	109,699,725	110,889,252	99,858,279	104,699,140	101,723,710	83,805,304
Passengers carried (transportation services) ..	"	5,451,716	5,316,001	4,555,251	4,319,920	3,864,818	3,249,099
Cargo and excess baggage carried (transportation services).....	"	217,220,865	214,391,889	200,388,312	264,812,177	319,260,401	233,561,830
Mail carried (transportation services).....	"	37,472,154	35,558,226	33,628,013	31,413,504	27,914,288	26,616,505
Passenger-miles (unit toll transportation)	"	2,847,022,735	2,495,682,456	2,142,276,186	1,835,183,870	1,547,279,882	1,223,825,448
Cargo and excess baggage (unit toll transportation) ton-miles.....	"	39,044,787	31,296,521	26,447,626	24,456,122	22,065,286	18,084,169
Mail ton-miles (unit toll transportation).....	"	14,321,366	13,702,638	13,037,645	12,055,649	10,238,458	9,048,610

¹ Except for hours flown, data relate to transportation services only.² Cargo, excess baggage and mail.³ See Introduction, page 5.

TABLE 2. Operating Statistics, Canadian and Foreign Carriers.—All Services, 1960

		Canadian carriers				Foreign carriers ¹			Grand total all carriers
		Scheduled carriers	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers ³	
			Groups I and II ²	Group III ²	Group IV					Total
Number of carriers reporting		6	16	61	77	83	10	8	101
Transportation services:									
Unit toll:									
Revenue departures	No.	233,488	12,214	6,290	18,504	251,992	..	..	..
Revenue hours flown	"	351,484	25,151	6,546	31,697	383,181	6,863	10,019	400,063
Revenue miles scheduled	"	71,939,781	...	...	...	71,939,781	1,881,034	3,146,358	76,967,173
Revenue miles flown:									
Scheduled services	"	73,032,095 ⁴	...	...	...	73,032,095 ⁴	1,695,121	3,657,701	78,384,917 ⁴
Non-scheduled services	"	3,309,189 ⁴	3,131,620	773,379	3,904,999	7,214,188 ⁴	—	—	7,214,188 ⁴
Totals	"	76,341,284	3,131,620	773,379	3,904,999	80,246,283	1,695,121	3,657,701	85,599,105
Revenue passengers carried ..	"	4,094,080	81,458	42,893	124,351	4,218,431	556,386	156,320	4,931,137
Revenue goods carried:									
Cargo	lb.	66,369,776	5,604,199	1,720,583	7,324,782	73,694,558	7,460,678	6,376,251	93,989,581
Excess baggage	"	6,138,882	133,199	186,013	319,212	6,458,094	1,651,547	1,294,810	37,579,496
Mail	"	32,830,815	1,529,036	273,288	1,802,324	34,633,139	1,651,547	1,294,810	37,579,496
Totals	"	105,339,473	7,266,434	2,179,884	9,446,318	114,785,791	9,112,225	7,671,061	131,569,077
Revenue passenger-miles	No.	2,652,134,265	16,328,248	3,463,568	19,791,816	2,671,926,081	30,859,209	144,237,445	2,847,022,735
Revenue goods ton-miles:									
Cargo	"	31,687,017	1,827,266	110,903	1,938,169	33,625,186	233,817	3,494,636	39,044,787
Excess baggage	"	1,631,354	52,809	6,985	59,794	1,691,148	—	—	—
Mail	"	13,444,830	251,511	9,750	261,261	13,706,091	42,894	572,381	14,321,366
Totals	"	46,763,201	2,131,586	127,638	2,259,224	49,022,425	276,711	4,067,017	53,366,153
Bulk:									
Revenue:									
Departures	"	29,152	58,387	98,199	156,586	185,738	..	..	..
Hours flown	"	31,836	105,608	93,226	198,834	230,670	7	572	231,249
Miles flown	"	4,396,097	10,037,537	9,505,106	19,542,643	23,938,740	1,951	159,929	24,100,620
Passengers carried	"	60,936	175,915	272,133	448,048	508,984	1,203	10,392	520,579
Freight carried	lb.	17,973,846	74,022,542	31,203,960	105,226,502	123,200,348	30,936	—	123,231,284
Non-transportation services:									
Specialty flying:									
Revenue hours flown	No.	2,676	12,283	66,100	78,383	81,059	—	—	81,059
Total—All services:									
Traffic, hours and miles: ⁵									
Revenue:									
Departures	No.	262,640	70,601	104,489	175,090	437,730	..	..	..
Hours flown	"	385,996	143,042	165,872	308,914	694,910	6,870	10,591	712,371
Miles flown	"	80,737,381	13,169,157	10,278,485	23,447,642	104,185,023	1,697,072	3,817,630	109,699,725
Passengers carried	"	4,155,016	257,373	315,026	572,399	4,727,415	557,589	166,712	5,451,716
Cargo carried	lb.	84,343,622	79,626,741	32,924,543	112,551,284	196,894,906	7,491,614 ⁶	6,376,251 ⁶	217,220,865 ⁶
Goods carried	"	123,313,319	81,288,976	33,383,844	114,672,820	237,986,139	9,143,161	7,671,061	254,800,361
Non-revenue:									
Hours flown	No.	12,003	6,646	5,602	12,248	24,251	29	4	24,284
Passengers carried	"	..	1,334	349	1,683	..	8,954	7,387	..
Goods carried	lb.	..	238,536	10,201	248,737	..	249,679	811,217	..
Passenger-miles	No.	126,300,404	752,537	19,717	772,254	127,072,658	691,246	5,842,917	133,606,821
Goods ton-miles	"	5,143,080	88,105	13,768	101,873	5,244,953	22,656	309,838	5,577,447
Fuel consumed:									
Turbo fuel:									
Quantity	gal.	83,126,700	—	—	—	83,126,700	3,331,726	15,520,293	101,978,719
Cost	\$	12,218,677	—	—	—	12,218,677	642,973	2,939,106	15,800,756
Gasoline:									
Quantity	gal.	46,188,501	7,373,320	2,737,372	10,110,692	56,299,193	2,726,672	5,515,564	64,541,429
Cost	\$	13,565,682	2,918,579	1,207,453	4,126,032	17,691,714	798,407	1,387,464	19,877,585
Oil consumed:									
Turbo aircraft:									
Quantity	gal.	17,480	—	—	—	17,480	627	745	18,852
Cost	\$	79,828	—	—	—	79,828	4,329	7,514	91,671
Other aircraft:									
Quantity	gal.	647,892	100,337	46,523	146,860	794,752	30,036	42,035	866,823
Cost	\$	599,339	149,131	78,881	228,012	827,351	24,897	85,552	937,800
Average number of employees:									
Flying personnel	No.	2,248	389	256	645	2,893	..	..	..
Other personnel	"	12,926	731	556	1,287	14,213	..	..	..
Totals	"	15,174	1,120	812	1,932	17,106	296	588	17,990
Salaries and wages paid:									
Flying personnel	\$	18,651,577	2,946,870	1,702,587	4,649,457	23,301,034	..	..	..
Other personnel	\$	66,152,899	3,677,427	2,519,449	6,196,876	72,349,775	..	..	..
Totals	\$	84,804,476	6,624,297	4,222,036	10,846,333	95,650,809	1,549,934	2,974,596	100,175,339

¹ See Introduction, page 5.² Nordair Ltd. included with Group III carriers for purposes of this report.³ Includes fifth freedom traffic between United States and Canada.⁴ Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.⁵ Except for hours flown these data relate to transportation services only.⁶ Includes excess baggage.

TABLE 3. Operating Statistics, Canadian Scheduled Carriers — All Services, by Company, 1960

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines ¹	Quebecair Inc. ¹	Transair Ltd. ¹	Total ¹	
Transportation services:									
Unit toll:									
Revenue departures No.	19,410	168,569	187,979	8,687	14,310	14,456	8,056	45,509	233,488
Revenue hours flown "	45,018	258,960	303,978	9,418	17,346	11,359	9,383	47,506	351,484
Revenue miles scheduled "	11,470,397	56,100,171	67,570,568	321,317	2,275,649	1,452,689	319,558	4,369,213	71,939,781
Revenue miles flown:									
Scheduled services:									
Regular "	11,253,929	54,834,843	66,088,772	295,465	2,142,264	1,176,283	312,958	3,926,970	70,015,742
Extra section "	235,061	2,393,666	2,628,727	20,081	178,986	121,090	67,469	387,626	3,016,353
Non-scheduled services "	498,490	—	498,490	1,262,731	156,628	525,494	865,846	2,810,699	3,309,189
Totals "	11,987,480	57,228,509	69,215,989	1,578,277	2,477,878	1,822,867	1,246,273	7,125,293	76,341,284
Ratio of regular miles flown to miles scheduled	98.1	97.7	...	92.0	94.1	81.0	97.9	...	...
Revenue passengers carried (Scheduled and non-scheduled) ² No.	336,072	3,421,221	3,757,293	56,601	120,259	118,151	41,776	336,787	4,094,080
Revenue goods carried (Scheduled and non-scheduled) ² :									
Express lb.	791,582	8,158,093	8,949,675	—	395,111	3,099,794	120,896	3,615,801	12,565,476
Freight "	3,632,496	31,284,766	34,917,262	12,143,270	5,025,577	—	1,718,191	18,887,038	53,804,300
Excess baggage "	548,984	4,193,438	4,742,422	150,758	372,371	755,394	117,937	1,396,460	6,138,882
Mail "	1,949,254	26,290,776	28,240,030	1,342,309	1,617,698	1,024,504	606,274	4,590,785	32,830,815
Totals "	6,922,316	69,927,073	76,849,389	13,636,337	7,410,757	4,879,692	2,563,298	28,490,084	103,339,473
Revenue passenger-miles:									
Scheduled services No.	505,433,621	2,040,877,297	2,546,310,918	3,665,305	32,450,406	23,156,255	6,009,234	65,281,200	2,611,592,118
Non-scheduled services "	13,137,634	—	13,137,634	8,952,558	345,068	7,925,349	10,181,538	27,404,513	40,542,147
Totals "	518,571,255	2,040,877,297	2,559,448,552	12,617,863	32,795,474	31,081,604	16,190,772	92,685,713	2,652,134,265
Available seat-miles on scheduled services	892,035,410	3,095,283,608	3,987,319,018	8,204,170	73,841,165	43,952,258	..	..	..
Passenger load factor on scheduled services	56.7	65.9	...	44.7	43.9	52.7	..	..	..
Revenue goods ton-miles:									
Express:									
Scheduled services No.	221,349	2,886,829	3,108,178	—	127,962	268,633	10,152	406,747	3,514,925
Non-scheduled services "	9,299	—	9,299	—	—	125,038	29,547	154,585	163,884
Totals "	230,648	2,886,829	3,117,477	—	127,962	393,671	39,699	561,332	3,678,809
Freight:									
Scheduled services "	5,377,528	17,904,366	23,281,894	26,485	1,443,226	—	9,546	1,479,257	24,761,151
Non-scheduled services "	19,637	—	19,637	2,937,887	12,374	—	277,159	3,227,420	3,247,057
Totals "	5,397,165	17,904,366	23,301,531	2,964,372	1,455,600	—	286,705	4,706,677	28,008,208
Excess baggage:									
Scheduled services No.	342,245	1,047,566	1,389,811	3,114	80,518	68,556	8,251	160,439	1,550,250
Non-scheduled services "	6,231	—	6,231	20,910	305	32,457	21,201	74,873	81,104
Totals "	348,476	1,047,566	1,396,042	24,024	80,823	101,013	29,452	235,312	1,631,354
Mail:									
Scheduled services "	1,288,846	11,336,188	12,625,034	45,392	455,555	76,908	23,412	601,267	13,226,301
Non-scheduled services "	43,973	—	43,973	96,098	2,439	11,638	64,381	174,556	218,529
Totals "	1,332,819	11,336,188	12,669,007	141,490	457,994	88,546	87,793	775,823	13,444,830
Total:									
Scheduled services "	7,229,968	33,174,949	40,404,917	74,991	2,107,261	414,097	51,361	2,647,710	43,052,627
Non-scheduled services "	79,140	—	79,140	3,054,895	15,118	169,133	392,288	3,631,434	3,710,574
Totals "	7,309,108	33,174,949	40,484,057	3,129,886	2,122,379	583,230	443,649	6,279,144	46,763,201
Available ton-miles on scheduled services	110,523,947	401,117,114	511,641,061	832,435	9,935,702	4,698,798	1,257,669	16,724,604	528,365,665
Weight load factor on scheduled services ³	52.3	59.2	...	53.0	53.9	58.1	51.9	...	...

See footnotes at end of table.

TABLE 3. Operating Statistics, Canadian Scheduled Carriers — All Services, by Company, 1960 — Concluded

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines ¹	Quebecair Inc. ¹	Transair Ltd. ¹	Total ¹	
Transportation services — Concluded:									
Bulk:									
Revenue:									
Departures No.	105	494	599	600	20,740	671	6,542	28,553	29,152
Hours flown "	1,439	1,082	2,521	1,074	22,041	589	5,611	29,315	31,836
Miles flown "	398,310	228,064	626,374	183,814	2,830,147	85,921	669,841	3,769,723	4,396,097
Passengers carried "	7,310	11,934	19,244	4,568	28,908	1,466	6,750	41,692	60,936
Freight carried lb.	—	359,660	359,660	1,107,505	11,196,181	1,077,415	4,233,085	17,614,186	17,973,846
Non-transportation services:									
Specialty flying:									
Revenue hours flown No.	—	111	111	—	2,366	—	199	2,565	2,676
Total — All services:									
Traffic hours and miles: ⁴									
Revenue:									
Departures No.	19,515	169,063	188,578	9,287	35,050	15,127	14,598	74,062	262,640
Hours flown "	46,457	260,153	306,610	10,492	41,753	11,948	15,193	79,386	385,996
Miles flown "	12,385,790	57,456,573	69,842,363	1,762,091	5,308,025	1,908,788	1,916,114	10,895,018	80,737,381
Passengers carried "	343,382	3,433,155	3,776,537	61,169	149,167	119,617	48,526	378,479	4,155,016
Cargo carried lb.	4,424,078	39,802,519	44,226,597	13,250,775	16,616,869	4,177,209	6,072,172	40,117,025	84,343,622
Goods carried "	6,922,316	70,286,733	77,209,049	14,743,842	18,606,938	5,957,107	6,796,383	46,104,270	123,313,319
Non-revenue:									
Hours flown No.	2,428	6,206	8,634	275	2,054	823	517	3,669	12,303
Passengers carried "	10,135	..	..	1,805	2,131	1,645	1,146	6,727	..
Goods carried lb.	1,070,059	..	..	636,927	245,022	—	107,395	989,344	..
Passenger-miles No.	20,641,728	103,129,903	123,771,631	573,982	850,832	410,725	693,234	2,528,773	126,300,404
Goods ton-miles "	1,602,623	3,212,938	4,815,561	144,953	148,157	—	34,409	327,519	5,143,080
Fuel consumed:									
Turbo fuel:									
Quantity gal.	16,330,352	65,042,327	81,372,679	448,338	—	1,305,683	—	1,754,021	83,126,700
Cost \$	2,902,914	8,916,008	11,818,922	106,694	—	293,061	—	399,755	12,218,677
Gasoline:									
Quantity gal.	6,738,921	33,205,741	39,944,662	1,192,799	3,392,495	594,536	1,064,009	6,243,839	46,188,501
Cost \$	2,075,664	8,896,983	10,972,647	377,666	1,497,782	213,770	503,817	2,593,035	13,565,682
Oil consumed:									
Turbo aircraft:									
Quantity gal.	4,388	12,449	16,837	93	—	550	—	643	17,480
Cost \$	41,821	29,848 ⁵	71,669	1,165	—	6,994	—	8,159	79,828
Other aircraft:									
Quantity gal.	89,211	481,428	570,639	14,876	40,713	7,043	14,621	77,253	647,892
Cost \$	116,772	395,219	511,991	14,206	50,360	8,161	14,621	87,348	599,339
Average number of employees:									
Flying personnel No.	414	1,591	2,005	33	120	46	44	243	2,248
Other personnel "	2,269	9,604	11,873	153	508	230	162	1,053	12,926
Totals "	2,683	11,195	13,878	186	628	276	206	1,296	15,174
Salaries and wages paid:									
Flying personnel \$	3,708,192	13,070,977	16,779,169	280,688	984,828	289,889	317,003	1,872,408	18,651,577
Other personnel \$	10,641,358	50,801,531	61,442,889	774,112	2,296,002	958,158	681,738	4,710,010	66,152,899
Totals \$	14,349,550	63,872,508	78,222,058	1,054,800	3,280,830	1,248,047	998,741	6,582,418	84,804,476

¹ Routes included in scheduled or non-scheduled services according to predominant class of service.² Breakdown not available.³ Standard passenger weight used: 200 pounds.⁴ Except for hours flown, these data relate to transportation services only.⁵ Includes adjustment for reclaimed oil.

TABLE 4. Interline Traffic¹, Canadian Scheduled Carriers—All Services, by Company, 1960

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	No. 275,541	51,422	116,311	117,967	36,224	2,930,990	3,528,455
Domestic interline	" 29,892	5,179	—	184	—	490,231	554,344
Foreign interline	" 28,858	—	—	—	—	—	—
Totals ²	" 334,291	56,601	116,311	118,151	36,224	3,421,221	4,082,799
Revenue express carried:							
Originated	lb. 791,582	—	395,111	3,099,794	120,896	8,158,093	12,565,476
Domestic interline	" —	—	—	—	—	—	—
Foreign interline	" —	—	—	—	—	—	—
Totals ²	" 791,582	—	395,111	3,099,794	120,896	8,158,093	12,565,476
Revenue freight carried:							
Originated	" 2,449,875	6,172,419	4,891,062	—	545,645	31,284,766	45,343,767
Domestic interline	" 147,248	4,247	—	—	—	—	151,495
Foreign interline	" 629,147	—	—	—	—	—	629,147
Totals ²	" 3,226,270	6,176,666	4,891,062	—	545,645	31,284,766	46,124,409
Revenue excess baggage carried:							
Originated	" 491,395	147,463	367,352	755,394	99,703	3,886,032	5,747,339
Domestic interline	" 28,592	3,304	—	—	—	29,439	61,335
Foreign interline	" 27,170	—	—	—	—	277,967	305,137
Totals ²	" 547,157	150,767	367,352	755,394	99,703	4,193,438	6,113,811
Revenue mail carried:							
Originated	" 1,949,254	1,342,309	1,590,210	1,024,504	208,471	26,290,776	32,405,524
Domestic interline	" —	—	—	—	—	—	—
Foreign interline	" —	—	—	—	—	—	—
Totals ²	" 1,949,254	1,342,309	1,590,210	1,024,504	208,471	26,290,776	32,405,524

¹ Includes only scheduled and non-scheduled services designated as mainline by Air Transport Board.
² Excludes division interline.

TABLE 5. Operating Statistics, Canadian Group I Carriers—Unit Toll Services, by Area of Service, 1960

	Trans- border services	Trans- Atlantic and Polar services	Southern services	Pacific and Orient services	Total Inter- national services	Domestic services	Grand total
Revenue departures	No. 31,783	5,014	3,305	1,294	41,396	146,583	187,979
Revenue hours flown	" 53,807	26,097	14,060	9,187	103,151	200,827	303,978
Revenue miles scheduled	" 11,156,964	7,804,022	3,446,524	2,804,493	25,212,003	42,358,565	67,570,568
Revenue miles flown:							
Scheduled services:							
Regular	" 10,784,509	7,656,842	3,431,920	2,738,469	24,611,740	41,477,032	66,088,772
Extra sections	" 564,918	221,084	108,650	35,773	930,425	1,698,302	2,628,727
Non-scheduled services	" —	—	—	—	—	498,490	498,490
Totals	" 11,349,427	7,877,926	3,540,570	2,774,242	25,542,165	43,673,824	69,215,989
Ratio of regular miles flown to miles sched- uled	96.7	98.1	99.6	97.6	97.6	97.9	97.8
Revenue passengers carried	No. ..	..	..	..	1,119,683 ¹	2,875,444 ²	3,995,127 ²
Revenue freight carried	lb. ..	..	..	..	14,465,630 ²	25,394,923 ²	39,860,553 ²
Revenue passenger-miles	No. 340,544,630	454,594,806	115,743,663	111,148,998	1,022,032,097	1,537,416,455	2,559,448,552
Available seat-miles on scheduled serv- ices	" 503,407,318	724,573,420	228,781,024	215,776,798	1,672,538,560	2,314,780,458	3,987,319,018
Passenger load factor on scheduled serv- ices	67.6	62.7	50.6	51.5	61.1	65.8	63.9
Revenue goods ton-miles:							
Express	No. 440,221	—	—	—	440,221	2,677,256	3,117,477
Freight	" 1,753,752	5,827,042	888,674	2,504,446	10,973,914	12,327,617	23,301,531
Excess baggage	" 221,686	204,767	122,813	57,462	606,728	789,314	1,396,042
Mail	" 401,258	2,033,186	251,601	601,566	3,287,611	9,381,396	12,569,007
Totals	" 2,816,917	8,064,995	1,263,088	3,163,474	15,308,474	25,175,583	40,484,057
Available ton-miles on scheduled serv- ices	" 58,576,443	85,904,877	28,594,158	27,175,119	200,250,597	311,390,464	511,641,061
Weight load factor on scheduled serv- ices ¹	62.9	62.3	44.9	52.5	58.7	57.0	57.7

¹ Standard passenger weight used: 200 pounds.
² Includes division interline traffic.

TABLE 6. Transportation Statistics, Foreign Carriers – Unit Toll Services, by Area of Service,¹ 1957-60

	United States			Europe			All others			Totals		
	To	From	Total	To	From	Total	To	From	Total	To	From	Total
Revenue passengers carried:												
1957 No.	251,481	255,716	507,197	24,819	42,265	67,084	3,230	3,443	6,673	279,530	301,424	580,954
1958 "	221,949	215,795	437,744	36,605	48,980	85,585	2,625	2,086	4,711	261,179	266,861	528,040
1959 "	264,431	250,480	514,911	47,939	61,666	109,605	2,583	2,328	4,911	314,953	314,474	629,427
1960 "	282,726	273,917	556,643	68,298	80,327	148,625	3,817	3,621	7,438	354,841	357,865	712,706
Revenue freight, express and excess baggage carried:												
1957 lb.	882,821	5,976,204	6,859,025	309,213	1,230,177	1,539,390	49,362	32,382	81,744	1,241,396	7,238,763	8,480,159
1958 "	745,699	5,441,152	6,186,851	495,693	1,619,200	2,114,893	26,164	12,033	38,197	1,267,556	7,072,385	8,339,941
1959 "	1,078,732	6,325,130	7,403,862	653,974	2,873,447	3,527,421	41,090	17,450	58,540	1,773,796	9,216,027	10,989,823
1960 "	1,175,118	6,385,074	7,560,192	1,115,845	5,084,525	6,200,370	64,674	11,693	76,367	2,355,637	11,481,292	13,836,929
Mail carried:												
1957 "	428,183	1,068,307	1,496,490	39,671	621,245	660,916	1,571	4,965	6,536	469,425	1,694,517	2,163,942
1958 "	438,353	927,611	1,365,964	35,980	805,799	841,779	4,597	5,769	10,366	478,930	1,739,179	2,218,109
1959 "	520,026	1,084,697	1,604,723	48,937	949,381	998,318	3,817	5,810	9,627	572,780	2,039,888	2,612,668
1960 "	542,404	1,109,162	1,651,566	353,108	930,512	1,283,620	6,960	4,211	11,171	902,472	2,043,885	2,946,357

¹ Distribution of traffic between various areas not entirely accurate. See Introduction, page 5.

TABLE 7. Statistical Summary of Group V Carriers, 1960

Operating Statistics		1960	Statement of Income		1960
					dollars
Number of reporting carriers:			Operating revenues:		
Bulk transportation:			Bulk transportation		3,117,345
Revenue hours flown	No.	58,443	Specialty flying services		1,937,034
Revenue passengers carried	"	102,384	Total flying services		5,054,379
Revenue goods carried	lb.	6,969,899	Non-flying services		2,098,222
			Total operating revenues		7,152,601
Specialty flying services:			Operating expenses:		
Revenue hours flown:			Flying operations		2,825,179
Flying training	No.	60,163	Maintenance		1,352,021
Recreational flying	"	14,285	General services and administration		1,846,233
Aerial photography and survey	"	100	Depreciation		1,128,818
Aerial photography (excl. survey)	"	136	Total operating expenses		7,152,251
Aerial pest control	"	4,592	Operating income (loss)		350
Aerial advertising	"	47	Non-operating income – net		Dr. 95,042
Aerial patrol and inspection	"	5,279	Income before income taxes		Dr. 94,692
Philanthropic	"	—	Provision for income taxes		71,073
Aerial fish cultivation	"	—	Net income after income taxes		Dr. 165,765
Geophysical survey	"	1,532			
Non-transportation charter	"	1,756			
Other specialty flying	"	4,606			
Total specialty flying services	"	92,496			
Total – All services:					
Revenue hours flown	"	150,939			
Non-revenue hours flown	"	8,458			

TABLE 8. Balance Sheet, Canadian Carriers, by Revenue Group, Year Ended December 31, 1960

	Scheduled carriers			Non-scheduled carriers			Grand total
	Group I	Group II	Total	Group III	Group IV	Total	
Assets:							
Current assets:							
Cash and special deposits	8,760,800	399,648	9,160,448	632,860	312,125	944,985	10,105,433
Notes and accounts receivable	24,864,222	2,300,081	27,164,303	3,851,923	1,974,496	5,826,419	32,990,722
Less: Reserve for uncollectible accounts	132,718	74,925	207,643	165,850	91,200	257,050	464,693
Materials and supplies	19,038,323	882,884	19,921,207	1,913,207	1,430,175	3,343,382	23,264,589
Short term prepayments	555,836	441,674	997,510	475,614	342,861	818,475	1,815,985
Other current assets	27,199	400,227	427,426	40,257	278,263	318,520	745,946
Total current assets	53,113,662	4,349,589	57,463,251	6,748,011	4,246,720	10,994,731	68,457,982
Investments and special funds	6,316,325	2,711,316	9,027,641	2,211,151	260,869	2,472,020	11,499,661
Property and equipment:							
Operating	299,849,761	20,371,364	320,221,125	19,464,482	13,780,281	33,244,763	353,465,888
Less: accumulated depreciation	81,178,098	7,123,438	88,301,536	9,266,870	7,990,769	17,257,639	105,559,175
Non-operating	2,566,791	474,593	3,041,384	327,019	111,225	438,244	3,479,628
Less: accumulated depreciation	2,372,005	832,565	3,204,570	180,233	39,933	220,166	3,424,736
Total property and equipment	218,866,449	12,889,954	231,756,403	10,344,398	5,860,804	16,205,202	247,961,605
Deferred charges:							
Long term prepayments	3,841,429	1,081,777	4,923,206	—	62,191	62,191	4,985,397
Other deferred charges	129,671	1,274,593	1,404,264	305,292	435,462	740,754	2,145,018
Total deferred charges	3,971,100	2,356,370	6,327,470	305,292	497,653	802,945	7,130,415
Total assets	282,267,536	22,307,229	304,574,765	19,608,832	10,866,046	30,474,898	335,049,663
Liabilities:							
Current liabilities:							
Notes and accounts payable	20,249,275	2,699,668	22,948,943	5,535,357	2,283,032	7,818,389	30,767,332
Current portion of long term debt	—	1,717,593	1,717,593	647,236	744,219	1,391,455	3,109,048
Accrued taxes	119,358	204,379	323,737	411,832	96,822	508,654	832,391
Other current and accrued liabilities	10,699,976	372,187	11,072,163	568,467	516,813	1,085,280	12,157,443
Total current liabilities	31,068,609	4,993,827	36,062,436	7,162,892	3,640,886	10,803,778	46,866,214
Non-current liabilities:							
Long term debt	—	7,973,364	7,973,364	2,371,940	2,411,129	4,783,069	12,756,433
Other non-current liabilities	220,450,220	120	220,450,340	3,801,862	653,444	4,455,306	224,905,646
Total non-current liabilities	220,450,220	7,973,484	228,423,704	6,173,802	3,064,573	9,238,375	237,662,079
Deferred credits	912	—	912	442,099	32,389	474,488	475,400
Reserves	12,531,735	767,169	13,298,904	820,882	130,072	950,954	14,249,858
Capital stock and surplus:							
Capital stock issued and outstanding:							
Preferred	9,750,000	1,242,675	10,992,675	862,530	1,319,158	2,181,688	13,174,363
Common	18,000,000	848,227	18,848,227	1,313,062	948,739	2,261,801	21,110,028
Other paid-in capital	—	539,100	539,100	41,400	144,084	185,484	724,584
Unappropriated surplus	Dr. 9,533,940	5,942,747	Dr. 3,591,193	2,792,185	1,586,145	4,378,330	787,137
Total capital stock and surplus	18,216,060	8,572,749	26,788,809	5,009,177	3,998,126	9,007,303	35,796,112
Total liabilities	282,267,536	22,307,229	304,574,765	19,608,832	10,866,046	30,474,898	335,049,663

TABLE 9. Balance Sheet, Canadian Scheduled Carriers, by Company Year Ended December 31, 1960

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Assets:							
Current assets:							
Cash	2,656,010	60,002	—	Cr. 15,855	22,830	6,059,622	8,782,609
Special deposits	—	196,428	17,222	1,825	117,196	45,168	377,839
Notes and accounts receivable:							
Governments	—	205,865	374,938	127,772	193,621	3,305,182	4,207,378
General traffic	3,515,029	34,314	430,671	141,612	120,071	8,333,959	12,575,656
Associated companies	2,311,612	167,222	1,564	—	1,575	471,766	2,953,739
Company personnel	34,036	7,765	34,771	1,980	2,347	95,028	175,927
Other	4,246,864	451,803	—	2,190	—	2,550,746	7,251,603
Total notes and accounts receivable	10,107,541	866,969	841,944	273,554	317,614	14,756,681	27,164,303
Less: reserve for uncollectible accounts	54,718	33,617	16,919	—	24,389	78,000	207,643
Materials and supplies	1,933,874	209,291	371,186	28,304	274,103	17,104,449	19,921,207
Short term prepayments	275,402	24,431	207,001	140,094	70,148	280,434	997,510
Other current assets	—	—	6,420	393,807	—	27,199	427,426
Total current assets	14,918,109	1,323,504	1,426,854	821,729	777,502	38,195,553	57,463,251
Investments and special funds:							
Investments in associated companies	8,629	2,047,101	—	—	86,815	31,679	2,174,224
Other investments	547,434	575,925	—	1,475	—	—	1,124,834
Special funds	38,516	—	—	—	—	5,690,067	5,728,583
Total investments and special funds	594,579	2,623,026	—	1,475	86,815	5,721,746	9,027,641
Property and equipment:							
Operating	26,522,290	4,456,012	5,339,955	7,302,746	3,248,650	273,327,471	320,197,124
Less: accumulated depreciation	10,833,775	2,661,875	2,208,119	1,079,795	1,173,649	70,344,323	88,301,536
Non-operating	270,449	16,677	457,916	24,001	—	2,296,342	3,065,385
Less: accumulated depreciation	165,663	13,413	819,152	—	—	2,206,342	3,204,570
Total property and equipment	15,793,301	1,797,401	2,770,600	6,246,952	2,075,001	203,073,148	231,756,403
Deferred charges:							
Long term prepayments	—	—	—	37,362	—	191,789	229,151
Developmental and pre-operating costs	2,224,763	—	79,374	—	212,081	1,424,877	3,941,095
Unamortized discount and expense on debt	—	—	49,264	703,696	—	—	752,960
Property acquisition adjustment	—	—	—	—	—	—	—
Other intangibles	—	—	1,274,593	—	—	—	1,274,593
Other deferred charges	129,671	—	—	—	—	—	129,671
Total deferred charges	2,354,434	—	1,403,231	741,058	212,081	1,616,666	6,327,470
Total assets	33,660,423	5,743,931	5,600,685	7,811,214	3,151,399	248,607,113	304,574,765
Liabilities:							
Current liabilities:							
Notes and accounts payable:							
Current notes payable	—	—	450,660	—	155,000	—	605,660
Accounts payable—general	2,937,644	306,889	663,443	516,599	338,795	4,226,871	8,990,241
Collections as agents—traffic	1,595,158	3,469	13,717	—	18,978	5,415,005	7,046,327
Collections as agents—other	289,065	—	44,577	—	1,931	1,693,610	2,029,183
Associated companies	871,157	103,940	—	—	81,670	3,220,765	4,277,532
Current portion of long term debt	—	600,000	349,541	768,052	—	—	1,717,593
Total notes and accounts payable	5,693,024	1,014,298	1,521,938	1,284,651	596,374	14,556,251	24,666,536
Accrued salaries and wages	552,273	40,774	153,185	49,988	25,023	2,440,965	3,262,208
Accrued taxes	71,289	159,396	44,983	—	—	48,069	323,737
Dividends payable	—	—	—	—	243	—	243
Air travel plan liability	—	—	—	—	582	1,722,100	1,722,682
Unearned transportation revenue	1,776,236	28,845	10,592	—	29,124	3,156,618	5,001,415
Other current liabilities	1,000,409	—	—	—	33,831	51,375	1,085,615
Total current liabilities	9,093,231	1,243,313	1,730,698	1,334,639	685,177	21,975,378	36,062,436
Non-current liabilities:							
Long term debt	—	120,088	1,120,481	5,123,906	1,608,889	—	7,973,364
Advances from associated companies	7,379,191	—	—	—	120	209,100,000	216,479,311
Pension liability	—	—	—	—	—	—	—
Other non-current liabilities	3,971,029	—	—	—	—	—	3,971,029
Total non-current liabilities	11,350,220	120,088	1,120,481	5,123,906	1,609,009	209,100,000	228,423,704
Deferred credits:							
Unamortized premium on debt	—	—	—	—	—	—	—
Other deferred credits	912	—	—	—	—	—	912
Total deferred credits	912	—	—	—	—	—	912
Reserves:							
Reserve for major overhauls	—	50,000	284,734	—	432,435	—	767,169
Reserve for self-insurance	—	—	—	—	—	5,690,067	5,690,067
Other reserves	—	—	—	—	—	6,841,668	6,841,668
Total reserves	—	50,000	284,734	—	432,435	12,531,735	13,298,904
Capital stock and surplus:							
Capital stock issued and outstanding:							
Preferred	9,750,000	—	1,158,950	47,225	36,500	—	10,992,675
Common	13,000,000	15,000	356,493	67,708	409,026	5,000,000	18,848,227
Capital stock subscribed and unissued	—	—	—	—	—	—	—
Other paid in capital	—	539,100	—	—	—	—	539,100
Unappropriated surplus	Dr. 9,533,940	3,776,430	949,329	1,237,736	Dr. 20,748	—	Dr. 3,591,193
Total capital stock and surplus	13,216,060	4,330,530	2,464,772	1,352,669	424,778	5,000,000	26,788,809
Total liabilities	33,660,423	5,743,931	5,600,685	7,811,214	3,151,399	248,607,113	304,574,765

**TABLE 10. Property and Equipment and Accumulated Depreciation, Canadian Carriers, by Revenue Group,
Year Ended December 31, 1960**

		Cost		
		Beginning of year	Additions	Retirements
No.				
		Group I and II Carriers		
	Operating property and equipment:			
1	Flight equipment	145,056,296	61,416,641	7,356,120
2	Ground equipment	16,670,609	7,576,662	263,395
3	Buildings and other improvements	13,550,571	25,755,928	768,333
4	Total flight and ground property and equipment	175,277,476	94,749,231	8,387,848
5	Land	46,426	900	989
6	Construction work in progress	67,425,729	Dr. 8,874,793	—
7	Total operating property and equipment	242,749,631	85,875,338	8,388,837
8	Non-operating property and equipment	495,126	2,623,436	359,764
9	Total property and equipment	243,244,757	88,498,774	8,748,601
		Group III Carriers		
	Operating property and equipment:			
10	Flight equipment	12,938,187	2,767,798	863,887
11	Ground equipment	1,041,656	331,037	64,992
12	Buildings and other improvements	2,324,157	451,770	58,392
13	Total flight and ground property and equipment	16,304,000	3,550,605	987,271
14	Land	68,399	500	1,103
15	Construction work in progress	—	—	—
16	Total operating property and equipment	16,372,399	3,551,105	988,374
17	Non-operating property and equipment	9,770	318,658	1,408
18	Total property and equipment	16,382,169	3,869,763	989,782
		Group IV Carriers		
	Operating property and equipment:			
19	Flight equipment	9,427,433	2,519,874	1,247,289
20	Ground equipment	1,060,870	203,976	83,151
21	Buildings and other improvements	1,587,698	205,984	25,591
22	Total flight and ground property and equipment	12,076,001	2,929,834	1,356,031
23	Land	248,056	7,469	3,500
24	Construction work in progress	—	5,876	—
25	Total operating property and equipment	12,324,057	2,943,179	1,359,531
26	Non-operating property and equipment	89,075	20,315	12,938
27	Total property and equipment	12,413,132	2,963,494	1,372,469

TABLE 10. Property and Equipment and Accumulated Depreciation, Canadian Carriers, by Revenue Group, Year Ended December 31, 1960

Cost		Accumulated depreciation						No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year	End of year	
Debit	Credit			Debit	Credit			
Group I and II Carriers								
1,295,454	1,325,010	199,087,261	65,625,671	3,800,682	240,611	12,626,058	74,691,658	1
533,336	527,169	23,990,043	7,259,361	585,176	223,909	1,641,768	8,539,862	2
8,382	—	38,546,548	4,389,694	211,394	4,083	887,634	5,070,017	3
1,837,172	1,852,179	261,623,852	77,274,726	4,597,252	468,603	15,155,460	88,301,537	4
—	—	46,337	—	—	—	—	—	5
—	—	58,550,936	—	—	—	—	—	6
1,837,172	1,852,179	320,221,125	77,274,726	4,597,252	468,603	15,155,460	88,301,537	7
282,586	—	3,041,384	509,529	340,569	382,132	2,653,478	3,204,570	8
2,119,758	1,852,179	323,262,509	77,784,255	4,937,821	850,735	17,808,938	91,506,107	
Group III Carriers								
524,574	77,123	15,289,549	7,107,818	858,091	423,868	1,459,599	8,133,194	10
156,832	147,084	1,317,449	531,350	141,929	69,259	132,632	591,312	11
30,037	—	2,747,572	530,843	42,876	10,536	162,371	660,874	12
711,443	224,207	19,354,570	8,170,011	1,042,896	503,663	1,754,602	9,385,380	13
42,117	—	109,913	—	—	—	—	—	14
—	—	—	—	—	—	—	—	15
753,560	224,207	19,464,483	8,170,011	1,042,896	503,663	1,754,602	9,385,380	16
—	—	327,020	6,770	211	38,130	17,038	61,727	17
753,560	224,207	19,791,503	8,176,781	1,043,107	541,793	1,771,640	9,447,107	18
Group IV Carriers								
—	108,733	10,591,285	5,827,506	500,757	44,619	1,363,083	6,734,451	19
—	3,802	1,177,893	1,073,230	42,818	9,581	223,686	1,263,679	20
—	114	1,767,977	—	—	—	—	—	21
—	112,649	13,537,155	6,900,736	543,575	54,200	1,586,769	7,998,130	22
—	—	252,025	—	—	—	—	—	23
—	—	5,876	—	—	—	—	—	24
—	112,649	13,795,056	6,900,736	543,575	54,200	1,586,769	7,998,130	25
—	—	96,452	23,794	627	511	8,896	32,574	26
—	112,649	13,891,508	6,924,530	544,202	54,711	1,595,665	8,030,704	27

**TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1960**

		Cost		
		Beginning of year	Additions	Retirements
No.				
Canadian Pacific Air Lines				
	Operating property and equipment:			
	Flight equipment:			
1	Airframes	13,916,639	911,506	2,170,868
2	Aircraft engines	3,990,168	166,214	594,074
3	Aircraft propellers	—	26,268	108,034
4	Aircraft communications and navigational equipment	785,642	29,566	115,131
5	Miscellaneous flight equipment	—	3,829	2,868
6	Flight equipment, spare parts and assemblies	2,806,084	913,991	117,189
7	Total flight equipment, spare parts and assemblies	21,498,533	2,051,374	3,108,164
	Ground property and equipment:			
8	Ramp equipment	—	145,540	—
9	Communications and meteorological equipment	69,650	—	14,316
10	Maintenance and engineering equipment	787,024	138,214	15,074
11	Surface transport vehicles and equipment	336,348	25,882	30,092
12	Furniture, fixtures and office equipment	396,011	19,746	19,035
13	Miscellaneous ground equipment	1,484,523	4,771	32,084
14	Buildings and other improvements	3,020,477	67,319	24,003
15	Total operating ground property and equipment	6,094,033	401,472	134,604
16	Land	3,221	—	989
17	Construction work in progress	—	—	—
18	Total operating property and equipment	27,595,787	2,452,846	3,243,757
19	Non-operating property and equipment	—	—	12,137
20	Total property and equipment	27,595,787	2,452,846	3,255,894
Maritime Central Airways				
	Operating property and equipment:			
	Flight equipment:			
21	Airframes	2,182,221	9,236	31,565
22	Aircraft engines	728,681	55,614	109,731
23	Aircraft propellers	69,172	1,628	2,244
24	Aircraft communications and navigational equipment	88,860	5,543	2,618
25	Miscellaneous flight equipment	109,388	2,391	500
26	Flight equipment spare parts and assemblies	211,391	36,267	16,752
27	Total flight equipment	3,389,713	110,679	163,410
	Ground property and equipment:			
28	Ramp equipment	46,508	29,546	—
29	Communications and meteorological equipment	49,184	95	429
30	Maintenance and engineering equipment	1,800	4,257	—
31	Surface transport vehicles and equipment	39,433	27,167	10,359
32	Furniture, fixtures and office equipment	78,030	9,990	2,122
33	Miscellaneous ground equipment	168,418	3,487	—
34	Buildings and other improvements	1,193,767	20,169	545,865
35	Total operating ground property and equipment	1,577,140	94,711	558,775
36	Land	—	—	—
37	Construction work in progress	5,054	900	—
38	Total operating property and equipment	4,971,907	206,290	722,185
39	Non-operating property and equipment	16,037	640	—
40	Total property and equipment	4,987,944	206,930	722,185

TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company, Year Ended December 31, 1960

Cost		Accumulated depreciation							No.
Adjustments		Fnd of year	Beginning of year	Adjustments		Depreciation during year		End of year	
Debit	Credit			Debit	Credit	Rate	Amount		
Canadian Pacific Air Lines									
—	1,051,463	11,605,814	5,126,084	1,152,007	—	8.5	1,022,829	4,996,906	1
—	38,187	3,524,121	1,793,443	343,050	—	8.5	316,207	1,766,600	2
629,458	—	547,692	—	—	155,919	8.5	46,705	202,624	3
—	198,838	501,239	320,596	158,203	—	8.5	44,787	207,180	4
372,483	—	373,444	—	—	75,237	8.5	30,691	105,928	5
—	10,588	3,592,298	849,119	5,677	—	10.0	292,138	1,135,580	6
1,001,941	1,299,076	20,144,608	8,089,242	1,658,937	231,156	...	1,753,357	8,414,818	7
377,915	—	523,455	—	—	135,857	10.0	34,329	170,186	8
—	1,427	53,907	69,650	15,743	—	—	—	53,907	9
153,773	—	1,063,937	500,224	—	87,446	10.0	81,969	669,639	10
—	230,775	101,363	244,812	181,041	—	25.0	5,691	69,462	11
1,346	—	398,068	213,500	17,175	—	10.0	38,822	235,147	12
—	294,665	1,162,545	539,422	244,753	—	10.0	103,637	398,306	13
8,382	—	3,072,175	743,752	22,231	—	10.0 20.0 40.0	100,789	822,310	14
541,416	526,867	6,375,450	2,311,360	480,943	223,303	...	365,237	2,418,957	15
—	—	2,232	...	...	...	...	...	...	16
—	—	—	...	...	...	...	...	...	17
1,543,357	1,825,943	26,522,290	10,400,602	2,139,880	454,459	...	2,118,594	10,833,775	18
282,586	—	270,449	—	—	138,848	8.5	26,815	165,663	19
1,825,943	1,825,943	26,792,739	10,400,602	2,139,880	593,307	...	2,145,409	10,999,438	20
Maritime Central Airways									
—	—	2,159,892	1,282,316	30,387	—	21.5	195,085	1,447,014	21
—	—	674,564	380,108	79,068	—	20	74,705	375,745	22
—	—	68,556	26,421	750	—	20	8,577	34,248	23
—	—	91,785	60,668	2,184	—	20	6,660	65,144	24
—	—	111,279	90,609	356	—	20	4,205	94,458	25
—	—	230,906	99,398	3,398	—	40	51,011	147,011	26
—	—	3,336,982	1,939,520	116,143	—	...	340,243	2,163,620	27
—	—	76,054	23,638	—	—	20 30	15,169	38,807	28
—	—	48,850	37,299	328	—	25	2,970	39,941	29
—	—	6,057	1,686	—	—	20 30	886	2,572	30
—	—	56,241	23,233	6,749	606	30	11,698	28,788	31
—	—	85,898	41,914	1,377	—	20	9,072	49,609	32
—	—	171,905	106,378	—	—	20	13,105	119,483	33
—	—	668,071	262,258	77,349	386	5 10	33,760	219,055	34
—	—	1,113,076	496,406	85,803	992	...	86,660	498,255	35
—	—	—	—	—	—	—	—	—	36
—	—	5,954	...	...	...	...	...	...	37
—	—	4,456,012	2,435,926	201,946	992	..	426,903	2,661,875	38
—	—	16,677	12,209	—	—	..	1,204	13,413	39
—	—	4,472,689	2,448,135	201,946	992	...	428,107	2,675,288	40

**TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1960 — Continued**

		Cost		
		Beginning of year	Additions	Retirements
No.				
Pacific Western Airlines				
	Operating property and equipment:			
	Flight equipment:			
1	Airframes	3,268,351	12,529	268,897
2	Aircraft engines	736,332	55,254	134,609
3	Aircraft propellers	—	—	—
4	Aircraft communications and navigational equipment	140,232	4,381	2,902
5	Miscellaneous flight equipment	18,267	886	—
6	Flight equipment, spare parts and assemblies	265,204	15,429	27,182
7	Total flight equipment	4,428,386	88,479	433,590
	Ground property and equipment:			
8	Ramp equipment	—	—	—
9	Communications and meteorological equipment	—	—	—
10	Maintenance and engineering equipment	134,110	7,500	—
11	Surface transport vehicles and equipment	163,647	6,529	1,172
12	Furniture, fixtures and office equipment	107,813	4,977	10,555
13	Miscellaneous ground equipment	147,604	6,088	236
14	Buildings and other improvements	85,343	12,408	185
		326,687	5,922	22,450
15	Total operating ground property and equipment	965,204	43,424	34,598
16	Land	—	—	—
17	Construction work in progress	1,352	13,719	—
18	Total operating property and equipment	5,394,942	145,622	468,188
19	Non-operating property and equipment	479,089	—	21,173
20	Total property and equipment	5,874,031	145,622	489,361
Quebecair Inc.				
	Operating property and equipment:			
	Flight equipment:			
21	Airframes	2,792,236	2,782,286	—
22	Aircraft engines	141,304	204,463	—
23	Aircraft propellers	—	—	—
24	Aircraft communications and navigational equipment	179,473	4,943	27
25	Miscellaneous flight equipment	7,337	326	—
26	Flight equipment, spare parts and assemblies	—	—	—
27	Total flight equipment	3,120,350	2,992,018	27
	Ground property and equipment:			
28	Ramp equipment	—	—	—
29	Communications and meteorological equipment	119,002	36,443	155
30	Maintenance and engineering equipment	44,316	19,546	756
31	Surface transport vehicles and equipment	96,903	14,815	—
32	Furniture, fixtures and office equipment	24,253	6,864	7,036
33	Miscellaneous ground equipment	84,220	22,341	1,331
34	Buildings and other improvements	15,186	2,060	5
		637,347	76,793	400
35	Total operating ground property and equipment	1,021,227	178,862	9,683
36	Land	—	—	—
37	Construction work in progress	24,000	—	—
38	Total operating property and equipment	4,165,577	3,170,880	9,710
39	Non-operating property and equipment	—	—	—
40	Total property and equipment	4,165,577	3,170,880	9,710

TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company
Year Ended December 31, 1960 — Continued

Cost		Accumulated depreciation							No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year		End of year	
Debit	Credit			Debit	Credit	Rate	Amount		
Pacific Western Airlines									
—	—	3,011,983	1,095,179	121,881	—	..	431,280	1,404,578	1
—	—	656,977	207,909	55,289	—	..	103,597	256,217	2
—	—	—	—	—	—	..	—	—	3
—	25,934	115,777	44,366	10,284	—	..	17,278	51,360	4
—	—	19,153	6,837	—	—	..	2,270	9,107	5
293,513	—	546,964	101,174	18,562	9,455	..	35,564	127,631	6
293,513	25,934	4,350,854	1,455,465	206,016	9,455	...	589,989	1,848,893	7
—	—	—	—	—	—	—	—	—	8
—	—	141,610	34,099	—	—	..	12,182	46,281	9
—	—	169,004	49,575	121	—	..	12,745	62,199	10
—	—	102,235	50,505	12,499	—	..	12,587	50,593	11
302	—	153,758	48,541	89	—	..	12,861	61,313	12
—	302	97,264	20,155	191	—	..	7,563	27,527	13
—	—	310,159	82,652	5,207	3,697	..	30,171	111,313	14
302	302	974,030	285,527	18,107	3,697	...	88,109	359,226	15
—	—	1,352	—	—	—	—	—	—	16
—	—	13,719	—	—	—	—	—	—	17
293,815	26,236	5,339,955	1,740,992	224,123	13,152	...	678,098	2,208,119	18
—	—	457,916	497,320	24,115	243,284	...	102,663	819,152	19
293,815	26,236	5,797,871	2,238,312	248,238	256,436	...	780,761	3,027,271	20
Quebecair Inc.									
—	—	5,574,522	491,922	—	—	10	263,576	755,498	21
—	—	345,767	22,258	—	—	10	13,667	35,925	22
—	—	—	—	—	—	—	—	—	23
—	—	184,389	22,638	23	—	10	18,355	40,970	24
—	—	7,663	3,362	—	—	10	629	3,991	25
—	—	—	—	—	—	—	—	—	26
—	—	6,112,341	540,180	23	—	...	296,227	836,384	27
—	—	155,290	48,148	14	—	10	15,529	63,663	28
—	—	63,106	19,064	57	—	10	5,494	24,501	29
—	—	111,718	23,053	—	—	10	10,748	33,801	30
—	—	24,081	12,664	2,462	—	15	2,597	12,799	31
—	—	105,230	15,813	1,259	—	10	10,474	25,028	32
—	—	17,241	1,748	1	—	10	1,724	3,471	33
—	—	713,740	49,035	70	—	5, 2½, 2	31,184	80,149	34
—	—	1,190,406	169,525	3,863	—	...	77,750	243,412	35
—	—	24,000	—	—	—	—	—	—	36
—	—	—	—	—	—	—	—	—	37
—	—	7,326,747	709,705	3,886	—	...	373,977	1,079,796	38
—	—	—	—	—	—	...	—	—	39
—	—	7,326,747	709,705	3,886	—	...	373,977	1,079,796	40

**TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1960 — Concluded**

No.		Cost		
		Beginning of year	Additions	Retirements
Transair Ltd.				
Operating property and equipment:				
1	Flight equipment:			
2	Airframes.....	1,436,944	84,463	—
3	Aircraft engines.....	531,235	37,746	21,289
4	Aircraft propellers.....	—	—	—
5	Aircraft communications and navigational equipment.....	47,362	3,392	—
6	Miscellaneous flight equipment.....	11,285	—	—
7	Flight equipment, spare parts and assemblies.....	—	—	—
7	Total flight equipment.....	2,026,826	125,601	21,289
Ground property and equipment:				
8	Ramp equipment.....	—	—	—
9	Communications and meteorological equipment.....	53,446	3,128	—
10	Maintenance and engineering equipment.....	82,880	4,581	826
11	Surface transport vehicles and equipment.....	86,927	450	1,769
12	Furniture, fixtures, and office equipment.....	62,700	7,263	696
13	Miscellaneous ground equipment.....	—	—	—
14	Buildings and other improvements.....	789,712	17,617	700
15	Total operating ground property and equipment.....	1,075,665	33,039	3,991
16	Land.....	12,799	—	—
17	Construction work in progress.....	—	—	—
18	Total operating property and equipment.....	3,115,290	158,640	25,280
19	Non-operating property and equipment.....	—	—	—
20	Total property and equipment.....	3,115,290	158,640	25,280
Trans-Canada Air Lines				
Operating property and equipment:				
21	Flight equipment:			
22	Airframes.....	76,810,027	40,557,080	1,878,832
23	Aircraft engines.....	13,899,745	7,072,292	350,492
24	Aircraft propellers.....	2,611,046	233,291	76,376
25	Aircraft communications and navigational equipment.....	2,723,319	348,236	43,002
26	Miscellaneous flight equipment.....	47,403	7,859	—
27	Flight equipment, spare parts and assemblies.....	14,500,948	7,845,450	1,280,938
27	Total flight equipment.....	110,592,488	56,048,490	3,629,640
Ground property and equipment:				
28	Ramp equipment.....	—	4,911,522	7,509
29	Communications and meteorological equipment.....	407,380	26,155	3,994
30	Maintenance and engineering equipment.....	4,088,093	3,593,566	32,602
31	Surface transport vehicles and equipment.....	2,197,100	1,862,497	21,983
32	Furniture, fixtures and office equipment.....	2,174,324	428,819	39,194
33	Miscellaneous ground equipment.....	3,038,433	84,591	9,880
34	Buildings and other improvements.....	7,582,581	25,568,108	174,915
35	Total operating ground property and equipment.....	19,487,911	32,581,082	290,077
36	Land.....	—	—	—
37	Construction work in progress.....	67,425,729	8,888,512	—
38	Total operating property and equipment.....	197,506,128	79,741,060	3,919,717
39	Non-operating property and equipment.....	—	2,622,796	326,454
40	Total property and equipment.....	197,506,128	82,363,856	4,246,171

**TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1960 — Concluded**

Cost		Accumulated depreciation							No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year		End of year	
Debit	Credit			Debit	Credit	Rate	Amount		
Transair Ltd.									
—	—	1,521,407	473,493	—	—	..	126,244	599,737	1
—	—	547,692	43,361	—	—	..	10,037	53,398	2
—	—	—	—	—	—	—	—	—	3
—	—	50,754	35,477	—	—	40	6,111	41,588	4
—	—	11,285	9,615	52	—	40	720	10,283	5
—	—	—	—	—	—	—	—	—	6
—	—	2,131,138	561,946	52	—	...	143,112	705,006	7
—	—	—	—	—	—	—	—	—	8
—	—	56,574	29,950	—	—	25	6,656	36,606	9
—	—	86,635	43,346	436	—	20	8,743	51,653	10
—	—	85,608	64,222	1,473	—	25	6,869	69,618	11
—	—	69,267	37,721	112	—	20	6,333	43,942	12
—	—	—	—	—	—	—	—	—	13
—	—	806,629	227,184	328	—	5,10	39,968	266,824	14
—	—	1,104,713	402,423	2,349	—	...	68,569	468,643	15
—	—	12,799	—	—	—	—	—	—	16
—	—	—	—	—	—	—	—	—	17
—	—	3,248,650	964,369	2,401	—	...	211,681	1,173,649	18
—	—	—	—	—	—	—	—	—	19
—	—	3,248,650	964,369	2,401	—	...	211,681	1,173,649	20
Trans-Canada Air Lines									
—	—	115,488,275	33,780,738	385,915	—	..	6,413,936	39,808,759	21
—	—	20,621,545	7,413,436	199,254	—	..	1,214,248	8,428,430	22
—	—	2,767,961	1,642,966	43,420	—	..	135,408	1,734,954	23
—	—	3,028,553	1,573,185	24,446	—	..	118,807	1,667,546	24
—	—	39,544	47,403	—	—	..	Cr. 8,366	39,037	25
—	—	21,065,460	8,581,590	1,166,476	—	..	1,629,097	9,044,211	26
—	—	163,011,338	53,039,318	1,819,511	—	...	9,503,130	60,722,937	27
—	—	4,904,013	—	6,484	—	..	1,223,438	1,216,954	28
—	—	429,541	327,232	3,765	—	..	9,351	332,818	29
—	—	7,649,057	2,432,915	28,672	—	..	667,683	3,071,926	30
—	—	312,620	908,224	16,862	—	..	Cr. 716,159	175,203	31
—	—	2,563,949	569,387	34,323	—	..	212,987	748,051	32
—	—	2,943,962	721,243	9,190	—	..	Cr. 205,985	506,068	33
—	—	32,975,774	3,024,813	106,209	—	..	651,762	3,570,366	34
—	—	51,778,916	7,983,814	205,505	—	...	1,843,077	9,621,386	35
—	—	—	—	—	—	—	—	—	36
—	—	58,537,217	—	—	—	—	—	—	37
—	—	273,327,471	61,023,132	2,025,016	—	...	11,346,207	70,344,323	38
—	—	2,296,342	—	316,454	—	..	2,522,796	2,206,342	39
—	—	275,623,813	61,023,132	2,341,470	—	...	13,869,003	72,550,665	40

TABLE 12. Statement of Income, Canadian Carriers — All Services, by Revenue Group, Year Ended December 31, 1960

	Scheduled carriers			Non-scheduled carriers			Grand total	Grand total 1959
	Group I	Group II ¹	Total	Group III ²	Group IV	Total		
Operating revenues:	dollars							
Unit toll transportation:								
Passengers	157,771,630	8,237,277	166,008,907	2,204,300	505,684	2,709,984	168,718,891	152,317,247
Express	2,785,950	582,690	3,368,640	111,229	21,937	133,166	3,501,806	3,630,738
Freight	7,458,922	2,364,717	9,823,639	945,992	58,931	1,004,923	10,828,562	9,201,872
Excess baggage	1,443,662	332,733	1,776,395	58,506	12,403	70,909	1,847,304	1,716,602
Mail	11,998,790	1,090,486	13,089,276	638,382	66,475	704,857	13,794,133	13,437,772
Total unit toll transportation	181,458,954	12,607,903	194,066,857	3,958,409	665,430	4,623,839	198,690,696	180,304,231
Bulk transportation	1,590,880	5,174,157	6,765,037	12,783,074	7,651,668	20,434,742	27,199,779	29,003,250
Total transportation	183,049,834	17,782,060	200,831,894	16,741,483	8,317,098	25,058,581	225,890,475	209,307,481
Other flying services	25,814	239,137	264,951	2,384,401	2,687,005	5,071,406	5,336,357	6,491,202
Total flying services	183,075,648	18,021,197	201,096,845	19,125,884	11,004,103	30,129,987	231,226,832	215,798,683
Non-flying services	2,062,529	315,304	2,377,833	999,081	1,369,816	2,368,897	4,746,730	4,624,875
Total operating revenues	185,138,177	18,336,501	203,474,678	20,124,965	12,373,919	32,498,884	235,973,562	220,423,558
Operating expenses:								
Flying operations	48,231,939	6,758,729	54,990,668	8,032,343	5,098,771	13,131,114	68,121,782	2
Maintenance	45,319,982	4,435,629	49,755,611	5,347,200	3,155,137	8,502,337	58,257,948	2
General services and administration:								
Passenger service	14,755,538	423,270	15,178,808	..	..	..	..	2
Aircraft and traffic servicing	29,033,348	2,379,996	31,413,344	..	..	..	..	2
Promotion and sales	27,673,323	1,028,197	28,701,520	..	..	..	..	2
General administration	7,681,815	1,324,737	9,006,552	..	..	..	..	2
Totals	79,144,024	5,156,200	84,300,224	3,265,092	2,106,142	5,371,234	89,671,458	2
Depreciation and amortization	16,554,972	1,758,178	18,313,150	1,774,494	1,575,452	3,349,946	21,663,096	2
Total operating expenses	189,250,917	18,108,736	207,359,653	18,419,129	11,935,502	30,354,631	237,714,284	219,487,993
Operating income (loss)	Dr. 4,112,740	227,765	Dr. 3,884,975	1,705,836	438,417	2,144,253	Dr. 1,740,722	935,565
Non-operating income — net:								
Capital gains and losses	303,065	261,758	564,823	42,615	99,448	142,063	706,886	1,763,143
Interest and discounts	4,133,380	174,104	4,307,484	10,896	29,195	40,091	4,347,575	
Miscellaneous non-operating income	357,175	39,947	397,122	Dr. 26,106	30,351	4,245	401,367	
Income before interest expense	680,880	703,574	1,384,454	1,733,241	597,411	2,330,652	3,715,106	2,698,708
Interest expense	8,104,403	497,710	8,602,113	342,372	210,581	552,953	9,155,066	4,474,048
Income before income taxes	Dr. 7,423,523	205,864	Dr. 7,217,659	1,390,869	386,830	1,777,699	Dr. 5,439,960	Dr. 1,775,340
Provision for income taxes	7,839	252,314	260,153	655,209	95,564	750,773	1,010,926	708,838
Net income after income taxes	Dr. 7,431,362	Dr. 46,450	Dr. 7,477,812	735,660	291,266	1,026,926	Dr. 6,450,886	Dr. 2,484,178

¹ Nordair Ltd. included with Group III carriers for purposes of this report.² Not available due to a different classification.

TABLE 13. Statement of Income, Canadian Scheduled Carriers — All Services, by Company, Year Ended December 31, 1960

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans-Canada Air Lines	Total	Total 1959
Operating revenues:	dollars							
Unit toll transportation:								
Passengers	30,175,936	1,203,530	2,742,550	2,824,293	1,466,904	127,595,694	166,008,907	149,895,106
Express	199,073	—	139,039	423,984	19,667	2,586,877	3,368,640	3,561,823
Freight	2,114,489	1,306,269	775,205	—	283,243	5,344,433	9,823,639	8,111,979
Excess baggage	311,933	24,921	174,297	103,902	29,613	1,131,729	1,776,395	1,636,822
Mail	1,754,598	244,773	521,295	126,725	197,693	10,244,192	13,089,276	12,776,469
Total unit toll transportation	34,556,029	2,779,493	4,352,386	3,478,904	1,997,120	146,902,925	194,066,857	175,982,199
Bulk transportation	1,109,822	289,959	3,999,908	112,309	771,981	481,058	6,765,037	7,263,166
Total transportation	35,665,851	3,069,452	8,352,294	3,591,213	2,769,101	147,383,983	200,831,894	183,245,365
Other flying services	—	—	184,627	—	54,510	25,814	264,951	133,750
Total flying services	35,665,851	3,069,452	8,536,921	3,591,213	2,823,611	147,409,797	201,096,845	183,379,115
Non-flying services	485,800	175,664	90,924	11,496	37,220	1,576,729	2,377,833	2,105,805
Total operating revenues	36,151,651	3,245,116	8,627,845	3,602,709	2,860,831	148,986,526	203,474,678	185,484,920
Operating expenses:								
Flying operations	13,381,841	1,061,836	3,328,783	1,293,001	1,075,109	34,850,098	54,990,668	1
Maintenance	8,287,200	603,561	2,016,132	956,722	859,214	37,032,782	49,755,611	1
General services and administration:								
Passenger service	3,182,662	95,202	230,201	61,683	36,184	11,572,876	15,178,808	1
Aircraft and traffic servicing	5,656,300	414,180	1,600,966	241,772	123,078	23,377,048	31,413,344	1
Promotion and sales	5,873,291	73,564	300,827	430,844	222,962	21,800,032	28,701,520	1
General administration	2,052,006	292,827	573,680	261,085	197,145	5,629,809	9,006,552	1
Totals	16,764,259	875,773	2,705,674	995,384	579,369	62,379,765	84,300,224	1
Depreciation and amortization	2,883,669	418,755	772,053	373,976	193,394	13,671,303	18,313,150	1
Total operating expenses	41,316,969	2,939,925	8,822,642	3,619,083	2,707,086	147,933,948	207,359,653	186,536,509
Operating income (loss)	Dr. 5,165,318	285,191	Dr. 194,797	Dr. 16,374	153,745	1,052,578	Dr. 3,884,975	Dr. 1,051,589
Non-operating income — net:								
Capital gains and losses	86,770	326,479	Dr. 72,457	Dr. 3,140	10,876	216,295	564,823	1,631,611
Interest and discounts	82,390	168,392	—	13	5,699	4,050,990	4,307,484	
Miscellaneous non-operating income	179,083	3,282	35,816	600	249	178,092	397,122	
Income before interest expense	Dr. 4,817,075	783,344	Dr. 231,438	Dr. 18,901	170,569	5,497,955	1,384,454	580,022
Interest expense	6,937	110,364	135,575	126,623	125,148	8,097,466	8,602,113	3,930,618
Income before income taxes	Dr. 4,824,012	672,980	Dr. 367,013	Dr. 145,524	45,421	Dr. 2,599,511	Dr. 7,217,659	Dr. 3,350,596
Provision for income taxes	—	206,964	45,000	—	350	7,839	260,153	119,915
Net income after income taxes	Dr. 4,824,012	466,016	Dr. 412,013	Dr. 145,524	45,071	Dr. 2,607,350	Dr. 7,477,812	Dr. 3,470,511

¹ Not available due to a different classification.

TABLE 14. Operating Expense Analysis, Canadian Group III Carriers, Year Ended December 31, 1960

Expenses	Functional classification						
	Flying operations	Maintenance			General services and administration	Depreciation and amortization	Grand total
		Direct maintenance flight equipment	Direct maintenance ground property and equipment	Maintenance burden			
dollars							
Salaries, wages and personnel expenses:							
General management				116,321	557,340		673,661
Pilots and co-pilots	2,559,201				—		2,559,201
Other flight personnel	123,360			Cr. 5,623	36,607		154,344
Maintenance labour		941,967	171,828	235,113	1,349		1,350,257
Aircraft and traffic handling				30,036	438,690		468,726
Trainees, instructors and unallocated shop labour	22,046			146,044	26,527		194,617
Communications				16,220	71,159		87,379
Other personnel				208,529	464,652		673,181
Personnel expenses	306,349		106	56,287	210,533		573,275
Totals	3,010,956	941,967	171,934	802,927	1,806,837		6,734,641
Materials and supplies:							
Aircraft fuels and oils	2,645,176			46,221	3,992		2,645,176
Maintenance materials and supplies		993,934	77,484	50,924	8,479		1,121,631
Shop and servicing supplies			1,141	10,129	75,654		60,544
Stationery, printing and office supplies				—	27,392		85,783
Passenger food expense				—	24,154		27,392
Other supplies	47,189		8,277	87,071	3,159		166,691
Inventory adjustments			—	65,300	—		62,141
Totals	2,692,365	993,934	86,902	259,645	136,512		4,169,358
Other expenses:							
Communications purchased				19,816	160,492		180,308
Light, heat, power and water				90,742	45,290		136,032
Traffic commissions				—	59,573		59,573
Professional and technical fees and expenses				11,036	125,891		136,927
Other services—Associated companies				—	122,780		122,780
Total repairs and other services—Outside		1,146,958	47,177	111,285	131,153		1,436,573
Rentals	796,464		1,240	61,355	122,005		981,064
Landing fees—Canadian	97,287						97,287
Landing fees—Foreign	2,360						2,360
Insurance—P.L., P.D. and traffic liability	1,268,590		2,301	82,716	44,007		1,397,614
Insurance—Employee welfare	82,094		6,000	40,612	103,659		232,365
Injuries, loss and damage	30,186			9,703	11,241		51,130
Advertising and publicity				—	77,617		77,617
Interrupted trip expense				—	6,012		6,012
Uncollectible accounts				—	70,197		70,197
Taxes, other than income and payroll				270	63,282		63,552
Other expenses	52,020		1,045	44,873	178,499		276,437
Overhaul provisions—Airframes		154,342		—			154,342
Overhaul provisions—Aircraft engines		393,584		—			393,584
Totals	2,329,001	1,694,884	57,763	472,408	1,321,698		5,875,754
Depreciation and amortization:							
Amortization						13,308	13,308
Depreciation—Flight equipment						1,466,431	1,466,431
Maintenance equipment and hangars						157,207	157,207
General ground property					24	137,548	137,572
Grand totals	8,032,322	3,630,785	316,599	1,534,980	3,265,091	1,774,494	18,554,271

TABLE 15. Operating Expense Analysis, Canadian Group IV Carriers, Year Ended December 31, 1960

Expenses	Functional classification					
	Aircraft operating expenses	Maintenance		General services and administration	Depreciation and amortization	Grand total
		Flight equipment	Ground property and equipment			
	dollars					
Salaries, wages, and personnel expenses:						785,563
General management	95,338	37,598	6,093	646,534		1,626,489
Flight personnel	1,626,489	—	—	—		935,925
Maintenance labour	6,730	864,992	60,782	3,421		153,601
Aircraft and traffic handling	21,170	—	—	132,431		373,374
Other personnel	2,198	8,686	151,322	211,168		307,936
Personnel expenses	193,173	22,991	2,266	89,506		
Totals	1,945,098	934,267	220,463	1,083,060		4,182,888
Materials and supplies:						
Aircraft fuel and oils	1,293,763	18,208	—	—		1,311,971
Maintenance materials and supplies	43,840	1,000,235	168,046	822		1,212,943
Other supplies	84,850	11,463	10,656	28,148		135,117
Totals	1,422,453	1,029,906	178,702	28,970		2,660,031
Other expenses:						
Repairs and other services—Outside	38,788	453,127	46,343	10,673		548,931
Rentals	703,264	12,965	60,826	51,043		828,098
Insurance—P.L., P.D. and traffic liability	820,522	16,477	46,020	53,159		936,178
Other expenses	184,313	51,160	102,752	844,671		1,182,896
Depreciation—Flight equipment	—	—	—	20,016	1,345,156	1,365,172
Ground property and equipment	—	—	—	—	230,296	230,296
Totals	1,746,887	533,729	255,941	979,562	1,575,452	5,091,571
Grand totals	5,114,438	2,497,902	655,106	2,091,592	1,575,452	11,934,490

TABLE 16. Operating Expense Analysis, Canadian Scheduled Carriers — All Services, Year Ended December 31, 1960

No.	Expenses	Functional classifications			
		Flying operations	Maintenance		
			Direct maintenance flight equipment	Direct maintenance ground property and equipment	Maintenance burden
			dollars		
	Salaries, wages and personnel expenses:				
1	Management	—	—	—	854,504
2	Pilots and co-pilots	12,379,074	—	—	—
3	Other flight personnel	1,205,453	—	—	—
4	Maintenance labour	—	9,437,858	613,737	1,567,723
5	Aircraft and traffic handling	—	—	—	3,057
6	Trainees, instructors, unallocated shop labour	466,723	—	—	4,202,482
7	Communications	—	—	—	80,676
8	Other personnel	—	—	—	9,132,057
9	Personnel expenses	1,300,703	—	—	429,757
10	Totals	15,351,953	9,437,858	613,737	16,270,256
	Materials and supplies:				
11	Aircraft fuels and oils	27,275,956	—	—	—
12	Maintenance materials and supplies	—	8,175,248	161,178	708,174
13	Shop and servicing supplies	—	—	—	657,785
14	Stationery, printing and office supplies	—	—	—	233,088
15	Passenger food expense	—	—	—	—
16	Other supplies	140,538	—	—	139,519
17	Inventory adjustments	—	—	—	40,159
18	Totals	27,416,494	8,175,248	161,178	1,778,725
	Other expenses:				
19	Communications purchased	—	—	—	161,328
20	Light, heat, power and water	—	—	—	541,201
21	Traffic commissions	—	—	—	—
22	Professional and technical fees and expenses	—	—	—	4,142
23	Other services—Associated companies	—	—	—	2
24	Total repairs and other services—Outside	—	8,278,970	605,192	932,617
25	Rentals	3,191,870	—	—	209,977
26	Landing fees—Canadian	3,627,294	—	—	—
27	Landing fees—Foreign	900,246	—	—	—
28	Insurance—P.L., P.D., and traffic liabilities	3,117,287	—	—	148,759
29	Insurance—Employee welfare	1,170,880	—	2,484	1,708,971
30	Injuries, loss and damage	188,812	—	—	23,224
31	Advertising and publicity	—	—	—	—
32	Interrupted trip expense	—	—	—	—
33	Uncollectible accounts	—	—	—	—
34	Taxes, other than income and payroll	—	—	—	—
35	Other expenses	25,832	—	—	—
36	Overhaul provisions—Airframes	—	125,577	—	307,800
37	Aircraft engines	—	268,366	—	—
38	Totals	12,222,221	8,672,913	607,676	4,038,021
	Depreciation and amortization:				
39	Amortization	—	—	—	—
40	Depreciation—Flight equipment	—	—	—	—
41	Maintenance equipment and hangars	—	—	—	—
42	General ground property	—	—	—	—
43	Grand totals	54,990,668	26,286,019	1,382,591	22,087,002

TABLE 16. Operating Expense Analysis, Canadian Scheduled Carriers — All Services, Year Ended December 31, 1960

Functional classifications									No.
Passenger servicing	Aircraft and passenger servicing			Promotions and sales		General administration	Depreciation and amortization	Grand total	
	Aircraft servicing	Traffic servicing	Servicing administration	Reservations and sales	Advertising and publicity				
dollars									
18,120	351,366	—	321,221	337,388	23,978	1,068,093		2,974,670	1
—	—	—	—	—	—	—		12,379,074	2
4,149,949	—	—	—	—	—	—		5,355,402	3
—	48,847	—	—	—	—	—		11,668,165	4
—	9,750,545	4,243,287	1,939,368	7,835,421	—	—		23,771,678	5
112,620	348,834	16,596	139,106	304,399	—	13,200		5,603,960	6
—	317,858	—	708,800	669,695	—	67,868		1,844,897	7
405,000	374,164	91,944	1,093,239	3,071,837	448,257	4,425,180		19,041,678	8
1,272,990	213,286	94,839	352,195	897,800	103,224	320,067		4,984,861	9
5,958,679	11,404,900	4,446,666	4,553,929	13,116,540	575,459	5,894,408		87,624,385	10
—	—	—	—	—	—	—		27,275,956	11
—	—	—	—	—	—	—		9,044,600	12
—	371,715	—	—	—	—	—		1,029,500	13
26,858	62,789	111,413	229,118	459,516	39,634	506,591		1,669,007	14
5,782,384	22	—	59	598	—	2,082		5,785,145	15
1,264,192	69,603	19,138	311,934	23,557	1,208	11,452		1,981,141	16
—	—	—	—	—	33	67		40,259	17
7,073,434	504,129	130,551	541,111	483,671	40,875	520,192		46,825,608	18
10,998	355,527	200,334	1,012,809	2,203,501	15,144	157,736		4,117,377	19
93	18,669	45,520	125,063	98,165	682	43,193		872,586	20
—	—	—	—	4,813,383	—	—		4,813,383	21
2,973	1,656	163	279	13,901	—	197,070		220,184	22
73	2,016	890,726	441	237,420	2	239,792		1,370,472	23
258,636	2,535,390	652,006	748,160	241,090	75,749	45,761		14,373,571	24
32,428	295,960	399,831	447,706	1,027,501	14,580	577,447		6,197,300	25
—	—	—	—	—	—	—		3,627,294	26
—	—	—	—	—	—	—		900,246	27
464,065	9,116	46,728	12,140	2,494	—	107,086		3,907,675	28
310,856	725,742	309,327	296,386	854,280	29,585	314,590		5,723,101	29
83,871	32,061	25,385	19,161	5,348	—	11,446		389,308	30
—	—	—	—	109,495	4,567,811	—		4,677,306	31
864,307	—	—	—	—	—	—		864,307	32
29,309	—	—	—	—	—	111,496		140,805	33
—	—	—	—	364	—	575,132		575,496	34
89,085	117,696	317,032	189,028	171,031	3,449	211,203		1,432,156	35
—	—	—	—	—	—	—		125,577	36
—	—	—	—	—	—	—		268,366	37
2,146,694	4,093,833	2,887,052	2,851,173	9,777,973	4,707,002	2,591,952		54,596,510	38
—	—	—	—	—	—	—	958,761	958,761	39
—	—	—	—	—	—	—	14,874,304	14,874,304	40
—	—	—	—	—	—	—	1,384,922	1,384,922	41
—	—	—	—	—	—	—	1,095,163	1,095,163	42
15,178,807	16,002,862	7,464,269	7,946,213	23,378,184	5,323,336	9,006,552	18,313,150	207,359,653	43

TABLE 17. Operating Statistics, Canadian Carriers – Specialty Flying Services, Groups I to IV, by Type of Service 1960

	Revenue hours	Revenue earned		Revenue hours	Revenue earned
	No.	\$		No.	\$
Flying training	43,506	700,282	Philanthropic	87	Dr. 86
Pecreational flying	7,180	141,275	Aerial fish cultivation	54	4,014
Aerial photography and survey	7,536	1,413,453	Geophysical survey	6,744	824,426
Aerial photography (excl. survey)	1,606	129,400	Non-transportation charter	359	45,789
Aerial pest control	2,069	817,365	Other specialty flying	275	37,337
Aerial advertising	109	6,044			
Aerial patrol and inspection	11,534	1,110,107	Total specialty flying	81,059	5,228,626

TABLE 18. Statistical Summary of Canadian Carriers Operating Helicopters Only, Group I to IV, 1960

Operating Statistics	1960	Statement of Income	1960
Revenue hours flown	44,388	Operating revenue:	
Average number of aircraft	102	Fulk transportation	\$ 5,248,536
Average number of employees:		Other flying services	\$ 213,213
Flying personnel	185	Non-flying services	\$ 345,590
Other personnel	139	Totals	\$ 5,807,339
Totals	324	Operating expenses:	
Salaries and wages paid:		Flying operations	\$ 2,168,091
Flying personnel	\$ 1,151,855	Maintenance	\$ 1,283,633
Other personnel	\$ 828,103	General services and administration	\$ 842,882
Totals	\$ 1,979,958	Depreciation and amortization	\$ 990,955
		Totals	\$ 5,285,561
		Operating income (loss)	\$ 521,778
		Net income (deficit) after income taxes	\$ 451,113

Balance sheet

Assets:		Liabilities:	
Current assets:		Current liabilities:	
Cash	325,388	Notes and accounts payable	1,101,229
Accounts receivable	936,118	Current portion of long term debt	382,050
Less: Reserve for uncollectable accounts	24,159	Accrued taxes	110,878
Materials and supplies	542,240	Other and accrued liabilities	116,393
Short term prepayments	234,197	Total current liabilities	1,710,550
Other current assets	36,705	Non-current liabilities:	
Total current assets	2,050,489	Long term debt	1,082,485
Investments	13,338	Other non-current liabilities	159,241
Property and equipment:		Total non-current liabilities	1,241,726
Operating	8,052,408	Deferred credits	—
Less: Accumulated depreciation	3,847,550	Reserves	23,869
Non-operating	90,121	Capital Stock and Surplus:	
Less: Accumulated depreciation	40,866	Capital stock issued and outstanding:	
Deferred charges:		Preferred	1,069,780
Long term prepayments	17,483	Common	991,637
Other deferred charges	198,352	Other paid-in capital	59,400
Total deferred charges	215,835	Unappropriated surplus	1,436,813
Total assets	6,533,775	Total capital stock and surplus	3,557,630
		Total liabilities	6,533,775

TABLE 19. Accidents to Aircraft of Canadian Registry, Apparent Cause by Type of Operation, 1960¹

Type of operation	Apparent cause of accidents												
	Personnel			Material failure					Weather	Landing surface	Miscellaneous	Undetermined	Grand Total
	Errors of pilots or crew members	Errors of other personnel	Total	Power plant	Air frame	Landing gear	Equipment and accessories	Total					
Commercial operations:													
Scheduled:													
Domestic No.	2	—	2	1	—	—	—	1	—	—	—	—	3
International "	—	—	—	—	—	—	—	—	—	—	—	—	—
Non-scheduled:													
Domestic "	32	3	35	7	1	4	—	12	1	1	1	2	52
International "	4	—	4	—	—	2	—	2	—	—	—	—	6
Contract "	—	—	—	—	—	—	—	—	—	1	—	—	1
Specialty:													
Flying training "	17	1	18	3	—	—	—	3	1	—	—	1	23
Recreational flying "	15	—	15	—	—	—	—	—	—	—	—	—	15
Aerial photography and survey "	6	—	6	2	2	—	—	4	—	—	—	—	10
Aerial photography "	1	—	1	—	—	—	—	—	—	—	—	—	1
Aerial pest control "	7	1	8	2	—	—	—	2	—	—	—	—	10
Aerial patrol and inspection "	—	1	1	—	—	—	—	—	—	—	—	—	1
Philanthropic "	—	—	—	—	—	1	—	1	—	—	—	—	1
Forest fire protection "	2	1	3	—	—	—	—	—	—	—	—	—	3
Total commercial operations	86	7	93	15	3	7	—	25	2	2	1	3	126
Non-commercial operations:													
Flying clubs:													
Flying training "	10	—	10	—	—	2	—	2	1	—	1	—	14
Recreational flying "	16	—	16	—	—	—	1	1	—	—	—	—	17
Private:													
Ferry "	1	—	1	—	—	—	—	—	—	—	—	—	1
Company business "	14	1	15	1	1	—	—	2	—	1	—	—	18
Test "	4	—	4	—	—	—	—	—	—	—	—	—	4
Training - Check "	3	—	3	—	—	1	1	2	—	—	—	—	5
Recreational flying "	113	—	113	7	—	1	—	8	—	2	1	5	129
Aerial pest control "	1	1	2	—	—	—	—	—	—	—	—	—	2
Other "	1	—	1	—	—	—	—	—	—	—	—	—	1
Miscellaneous: ²													
Positioning "	8	—	8	1	—	—	—	1	—	—	—	—	9
State "	2	1	3	—	—	—	—	—	—	—	—	—	3
Missing enroute "	—	—	—	—	—	—	—	—	—	—	—	2	2
Total non-commercial operations	173	3	176	9	1	4	2	16	1	3	2	7	205
Grand total all operations	259	10	269	24	4	11	2	41	3	5	3	10	331

¹ As reported by Civil Aviation Branch, Department of Transport.² Includes accidents occurring during non-revenue flights of commercial aircraft.

TABLE 20. Accidents to Aircraft of Canadian Registry, Casualties by General Type of Operation, 1959-60¹

Accidents and casualties	General type of operations					
	Commercial		Non-commercial ²		Total	
	1960	1959	1960	1959	1960	1959
Number of accidents	126	106	205	203	331	309
Number of fatal accidents	10	14	26	28	36	42
Casualties:						
Pilot:						
Killed	No. 8	13	25	24	33	37
Seriously injured	" 7	6	16	11	23	17
Co-pilot:						
Killed	" —	1	—	—	—	1
Seriously injured	" —	—	—	—	—	—
Flight engineer:						
Killed	" —	—	1	—	1	—
Seriously injured	" —	—	—	—	—	—
Cabin attendant:						
Killed	" —	1	—	—	—	1
Seriously injured	" —	1	—	—	—	1
Other crew:						
Killed	" —	2	—	—	—	2
Seriously injured	" —	—	—	—	—	—
Passengers:						
Killed	" 7	18	14	31	21	49
Seriously injured	" 5	7	15	13	20	20
Third party:						
Killed	" 1	—	1	1	2	1
Seriously injured	" —	—	—	1	—	1
Totals:						
Killed	" 16	35	41	56	57	91
Seriously injured	" 12	14	31	25	43	39

¹ As reported by Civil Aviation Branch, Department of Transport.² Includes flying clubs, private and miscellaneous flying (positioning, state and ferry) which comprises accidents occurring during non-revenue flights of commercial aircraft.TABLE 21. Personnel and Airport Licences Issued and Aircraft Registered as of December 31, 1960¹

Personnel	In force December 31, 1960	In force December 31, 1959	Aircraft Registered	Total December 31, 1960	Total September 30, 1960
Pilots:					
Glider	No. 444	376	Commercial	1,818	1,809
Private	" 14,701	10,596	Private	3,186	3,121
Commercial	" 2,319	2,338	State	204	205
Senior commercial	" 439	407	Commercial (restricted)	45	49
Airline transport	" 1,250	1,179	Ultra light	53	45
Totals — Pilots	" 19,153	14,896	Experimental	4	3
			Private (restricted)	8	5
			Totals	5,318	5,237
Air navigators	" 96	104	Airports		
Air traffic controllers	" 763	722		In force December 31, 1960	In force December 31, 1959
Flight engineers	" 57	54			
Aircraft maintenance engineers	" 1,953	1,863	Number of airports	483	456

¹ As reported by Civil Aviation Branch, Department of Transport.

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation	Transportation of passengers or goods at a toll per unit. It includes: (i) the scheduled services, which provide transportation between designated points in accordance with a schedule; and (ii) the non-scheduled services, which provide transportation either between designated points on a route pattern and with some degree of regularity or from a designated base to serve a defined area or a specific point or points.
Bulk Transportation	Transportation of passengers or goods at a toll per mile or per hour for the entire aircraft (charter), or in accordance with a specific contract.
Specialty Flying Services	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.
Scheduled Carriers	Carriers operating some unit toll scheduled service.
Non-Scheduled Carriers	Carriers not operating any unit toll scheduled service.
Revenue Classification of Canadian Carriers:	
Group I Carriers	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers	All other carriers licensed to perform scheduled service plus two major transport carriers: Nordair Ltd. and Wheeler Air Lines Ltd.
Group III Carriers	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Groups I and II.
Group IV Carriers	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000, and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.
Air Cargo	Air freight and air express.
Goods	Air Cargo plus excess baggage and air mail.
Passenger Load Factors	Ratio of revenue passenger-miles performed to available seat-miles.
Weight Load Factor	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carriers (division interline).
International Services:	
Trans Border Services	Services between Canada and the United States.
Southern Services	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans Atlantic and Polar Services	Services between Canada and Europe.
Pacific and Orient Services	Services between Canada and points in the Pacific Ocean or the Orient.
Five Freedoms of the Air:	
First Freedom	The right to fly over the territory of a foreign country without landing.
Second Freedom	The right to land on the territory of a foreign country for non-traffic purposes.
Third Freedom	The right to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
Fourth Freedom	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
Fifth Freedom	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

CATALOGUE No.

51-202

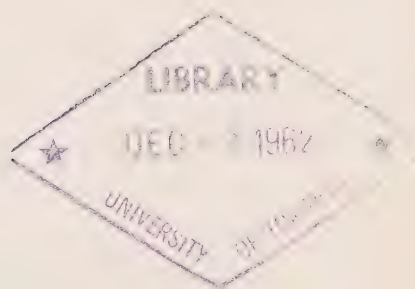
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1961



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Catalogue No.
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Annual

ERRATA
CIVIL AVIATION

1961

Page 8 - Table 1.

Hours flown ... Col. 1 - line 9	reads: 243,102 should read: 228,049
Hours flown ... Col. 1 - line 14	reads: 646,465 should read: 631,412
Hours flown ... Col. 1 - line 34	reads: 664,160 should read: 649,107

Page 9 - Table 2.

Hours flown ... Col. 2 - line 19	reads: 127,486 should read: 112,433
Col. 4 - line 19	reads: 215,739 should read: 200,686
Col. 5 - line 19	reads: 243,102 should read: 228,049
Col. 8 - line 19	reads: 244,132 should read: 229,079
Hours flown ... Col. 2 - line 25	reads: 179,216 should read: 164,163
Col. 4 - line 25	reads: 325,113 should read: 310,060
Col. 5 - line 25	reads: 646,465 should read: 631,412
Col. 8 - line 25	reads: 664,160 should read: 649,107

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CHART A

REVENUE MILES FLOWN BY CANADIAN CARRIERS

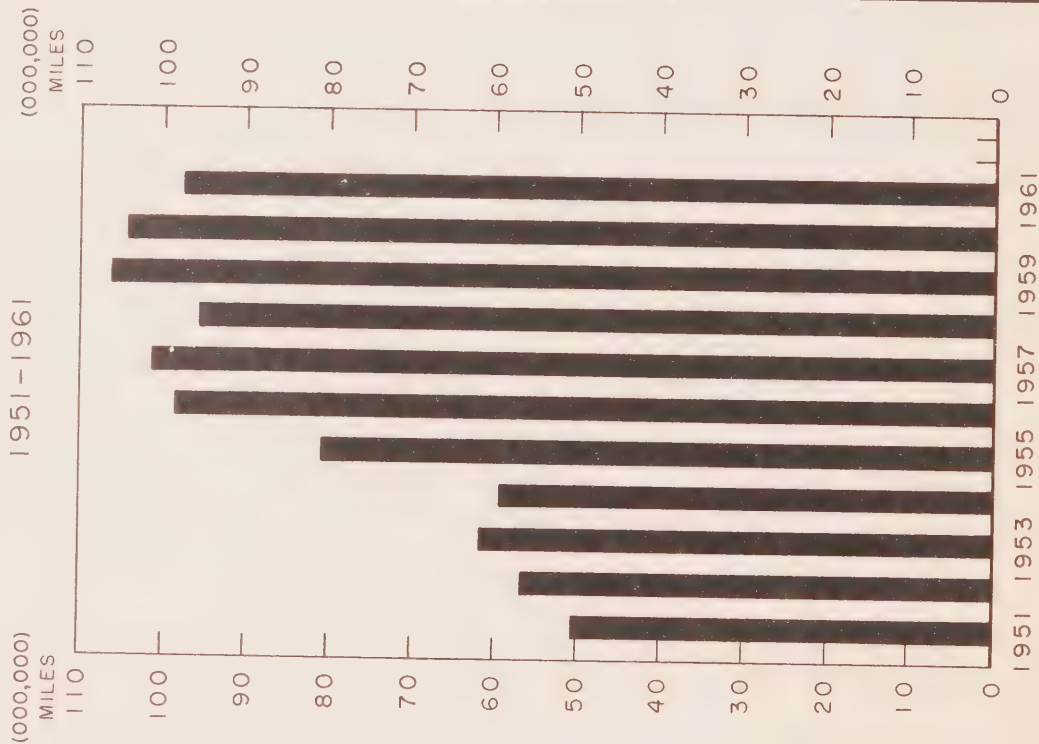
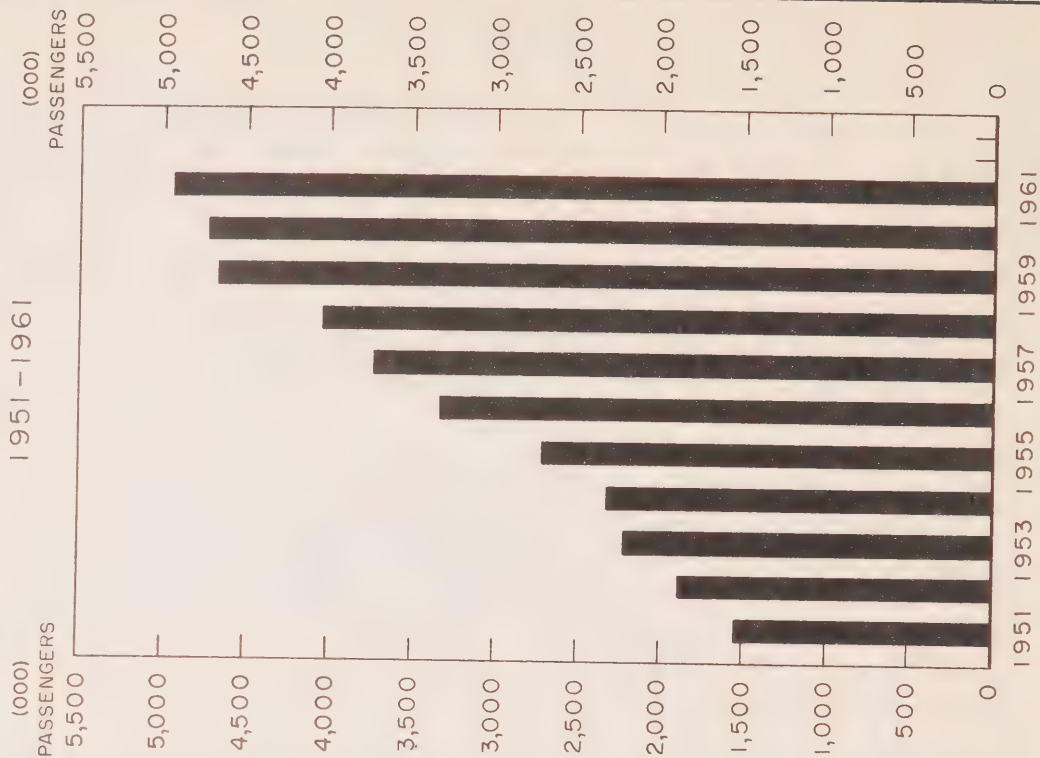


CHART B

REVENUE PASSENGERS CARRIED BY CANADIAN CARRIERS



CIVIL AVIATION

1961

Concepts

Presented in this publication are statistics of Canadian and foreign carriers operating commercial air services within Canada or between Canada and other countries. Data for foreign carriers, however, are not entirely comparable with those shown for Canadian carriers as foreign companies are required to report hours and miles flown over Canadian territory only and passengers and goods in transit through Canada are excluded.

For reporting purposes, Canadian carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described in the last two pages of this publication along with definitions of civil aviation terminology. The number of carriers included with each group during 1961 is indicated below:

Group I	2
Group II	5
Group III	21
Group IV	61
Group V	208
Total	297

The total number of air carriers may vary from year to year (in 1960, it was 289) but this mainly represents additions or withdrawals of small operators and has no real impact on the statistics presented for the Civil Aviation industry as a whole. However, there could be significant changes from one group to another depending on individual company growth or contraction, which will tend to distort a true comparison of specific groups over a period of years.

In an effort to maintain continuity in the "Civil Aviation" series, a breakdown of the carriers into scheduled and non-scheduled is included in this report. Thus, Nordair Ltd. is included with Group III carriers for statistical purposes although it is classified as a Group II carrier.

As Group V carriers file reports on a quarterly basis only, data on their operations are not available for monthly publication but are shown in a special table in the monthly report four times a year. These statistics are not included, however, in industry totals shown in other tables throughout the report. For consistency purposes, this practice has been followed in the preparation of this annual publication. The exclusion of the Group V carriers is not considered significant as the operating revenues of these carriers usually amount to less than 3 per cent of the operating revenues of all Canadian carriers.

Domestic and international operations of Canadian carriers are combined in all tables except number 5, in which all the information available for each type of operation has been assembled.

Whenever feasible, the unit toll services are broken down into scheduled and non-scheduled. However, a complete breakdown is not possible as some carriers offer both services on specific routes. In such cases, the route is assigned to the class of service which predominates.

Statistics on traffic transported into and out of Canada by foreign carriers are presented in Table 6, by geographic area. This distribution has been made possible by the co-operation of the airlines which now provide separate traffic statistics for each area of service.

Financial statistics of Canadian carriers are shown in Tables 8 to 16. For the second year, the data are presented according to the revised "Uniform System of Accounts and Reports for Commercial Air Carriers" introduced in January, 1960. This new classification of accounts has resulted in an expansion of the financial statistics available for analytical purposes as illustrated in the present publication.

Table 18 is a special table designed to provide separate data on companies which operate helicopters only. It has been estimated that these companies operate approximately 70 per cent of all helicopters engaged in commercial services in Canada. Helicopters flown by firms which also have fixed wing aircraft are excluded.

Review of 1961 Operations

Following a trend established over the years (Table 1) the number of passengers transported by Canadian air carriers increased from 1960 to 1961. During the year under review, a record number of 4,950,897 revenue passengers were carried as compared with 4,727,415 in 1960, an increase of 4.7 per cent. The volume of revenue goods carried, however, dropped to 228,077,376 lbs. from 237,986,139 lbs., a decrease of 4.2 per cent. Total revenue miles flown were considerably less than in the previous two years totalling 97,577,514 as compared with 104,185,023 in 1960 and 106,107,103 in 1959. The decline in bulk transportation (9.9 per cent) was greater than that recorded in unit toll transportation (5.3 per cent) and was more pronounced in domestic (7 per cent) than in international services (4.4 per cent). Despite the drop in the number of miles flown, revenue passenger-miles on unit toll services increased 18.2 per cent to 3,157,518,367 from 2,671,926,081 and revenue goods ton-miles rose 7.3 per cent to 52,598,243 from 49,022,425, thus reflecting the use of larger aircraft with increased load capacity.

The six scheduled carriers transported, in 1961, 7.3 per cent more revenue passengers and 2 per cent less revenue goods than in the preceding year (Table 2). Passengers carried totalled 4,456,448 and goods aggregated 125,744,000 lbs., as compared with 4,155,016 passengers and 123,313,319 lbs. of goods in the previous year.

Foreign airlines licensed to operate in Canada carried into and out of Canada, during 1961, 789,680 revenue passengers and 21,991,694 lbs. of revenue goods (Table 2). This compares with 724,301 passengers and 16,814,222 lbs. of goods during 1960 and represents an increase of 9 and 30.8 per cent respectively.

Operating revenues and operating expenses of Canadian carriers rose considerably during 1961 to new record levels (Table 1). Revenues increased 8 per cent to \$254,873,901 from \$235,973,562 and expenses rose 8.3 per cent to \$257,445,532 from \$237,714,284. As a result, an operating loss was reported for the second consecutive year. In 1961, however, the loss amounted to \$2,571,631 as compared with \$1,740,722 in 1960. The deficit, after deductions for income taxes and other charges, was the highest on record, amounting to \$13,146,423 more than twice the 1960 deficit of \$6,450,886. In both years, the deficit reported by the scheduled carriers alone was higher than that registered for

all Canadian carriers. Therefore, taken as a group, the non-scheduled carriers reported a net income each year.

Total assets of Canadian carriers (Table 8), as of December 31, 1961, were valued at \$366,251,901. This represented a considerable increase over the previous year (\$335,049,663) and was more than double the amount reported only four years earlier (\$181,381,918).

Companies operating helicopters only, reported in 1961, an operating income of \$481,972 and a net income, after provision for income taxes and other charges, of \$280,586 as compared with an operating income of \$521,778 and a net income of \$451,113 in 1960. These companies had total assets of \$6,791,240 at the end of 1961 as compared with assets of \$6,533,775 a year earlier.

Commercial aircraft were involved in 118 accidents of all types in 1961 as against 126 in 1960. The majority of these were attributed to errors of pilots or crew members. The number of fatal accidents increased to 14 from 10 and the number of persons killed rose to 34 from 16. Accidents occurring to all aircraft registered in Canada (including aircraft engaged in non-commercial operations) totalled 320 in 1961 as compared with 331 in the previous year.

October 15, 1962.

SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.

CHART D

REVENUE CARGO AND MAIL CARRIED BY CANADIAN CARRIERS

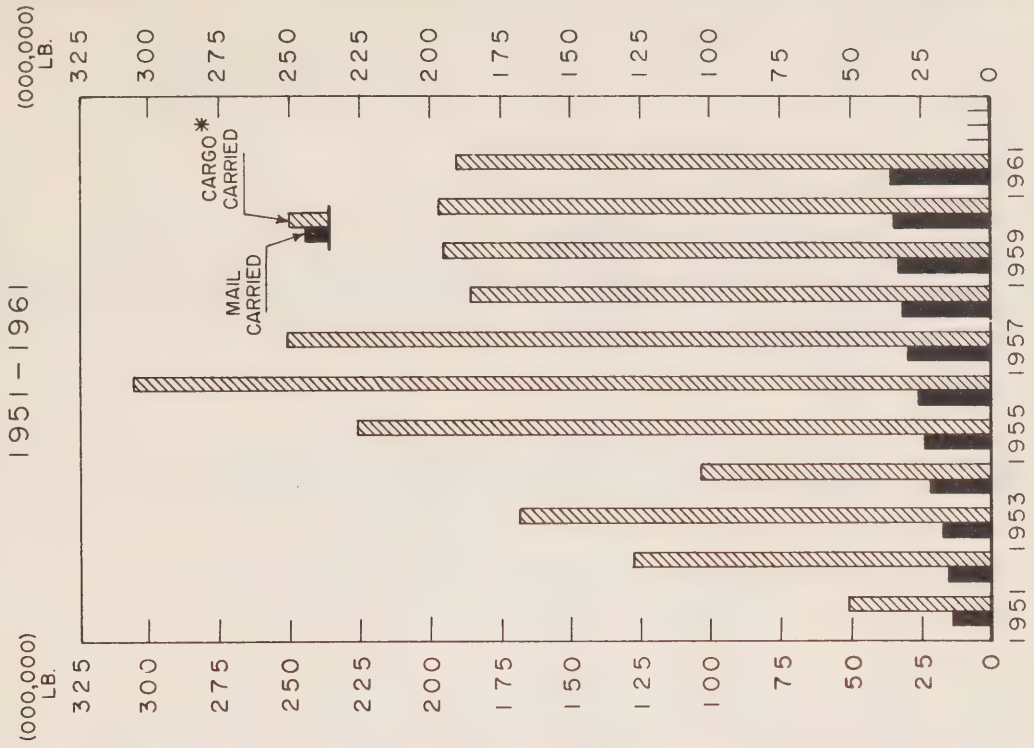


CHART C

OPERATING REVENUES OF CANADIAN CARRIERS

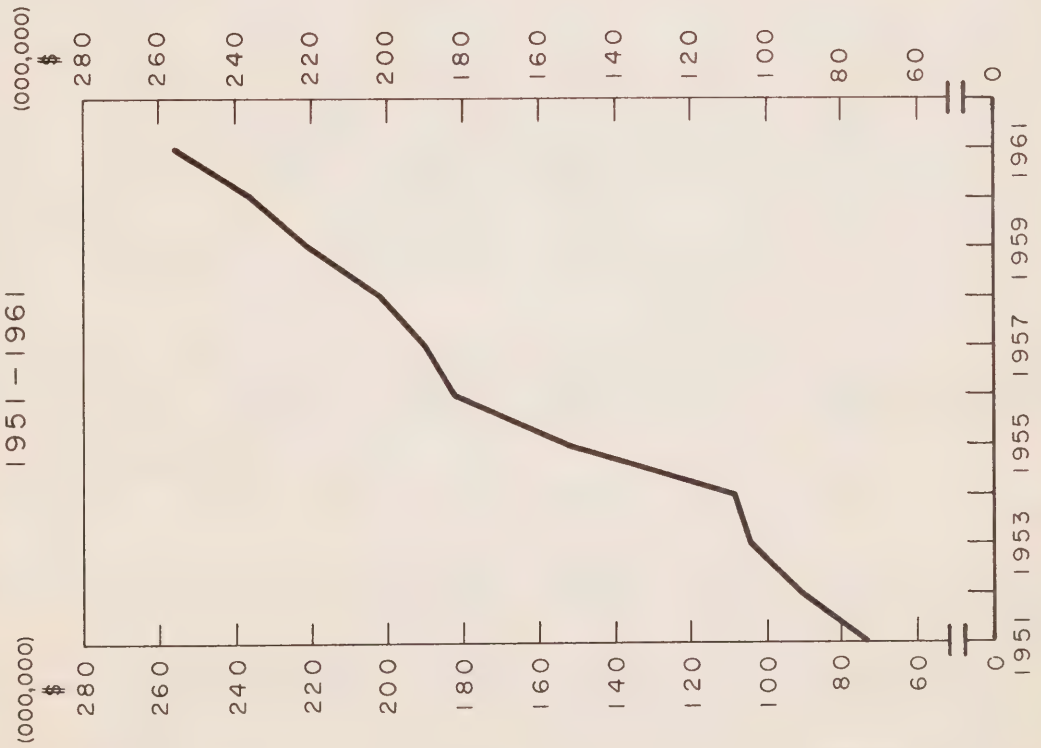


TABLE 1. Statistical Summary of Civil Aviation in Canada, 1956-61

		1961	1960	1959	1958	1957	1956
Canadian Carriers							
Operating statistics:							
Unit toll transportation:							
Revenue:							
Hours flown	No.	327,555	383,181	350,019	323,972	314,075	288,120
Miles flown	"	76,008,312	80,246,283	77,405,581	69,438,086	64,472,262	56,087,785
Passengers carried	"	4,543,009	4,218,431	4,176,501	3,599,365	3,217,266	2,796,841
Cargo and excess baggage carried	lb.	80,823,898	80,152,652	76,464,625	63,761,034	61,692,930	63,117,432
Mail carried	"	35,749,456	34,633,139	32,894,779	31,387,841	29,263,675	25,570,279
Passenger-miles	No.	3,157,518,367	2,671,926,081	2,357,386,420	2,036,163,546	1,737,582,244	1,480,639,773
Cargo and excess baggage ton-miles	"	38,504,034	35,316,334	29,505,264	25,395,836	23,587,208	21,316,572
Mail ton-miles	"	14,094,209	13,706,091	13,115,587	12,225,661	11,447,229	9,894,104
Bulk transportation:							
Revenue:							
Hours flown	"	243,102	230,670	259,188	233,380	298,941	343,316
Miles flown	"	21,569,202	23,938,740	28,701,522	26,372,480	36,743,407	42,369,709
Passengers carried	"	407,888	508,984	504,763	423,572	509,337	523,864
Freight carried	lb.	111,504,022	123,200,348	126,523,737	128,006,002	194,456,192	246,885,703
Other flying services:							
Revenue hours flown	No.	75,808	81,059	155,022	135,587	113,271	87,920
Total—All services:							
Traffic, hours and miles: ¹							
Revenue:							
Hours flown	"	646,465	694,910	764,229	692,939	726,287	719,356
Miles flown	"	97,577,514	104,185,023	106,107,103	95,810,566	101,215,669	98,437,491
Passengers carried	"	4,950,897	4,727,415	4,681,264	4,022,937	3,726,603	3,320,705
Cargo and excess baggage carried	lb.	192,327,920	203,353,000	202,988,362	191,767,036	256,149,122	310,003,135
Goods carried ²	"	228,077,376	237,986,139	235,883,141	223,154,877	285,412,797	335,573,414
Non-revenue:							
Hours flown	No.	28,863	24,251	31,624	35,427	40,641	37,478
Passengers carried .....	"	..	..	21,238	13,692	25,811	49,262
Goods carried ²	lb.	..	..	8,463,610	5,913,962	6,342,973	6,953,982
Passenger-miles	No.	148,517,121	127,072,658	100,192,596	84,572,322	69,097,794	58,886,228
Goods ton-miles	"	5,965,235	5,244,953	4,287,822	3,296,840	2,844,976	2,863,082
Fuel and oil consumed:							
Fuel	gal.	175,201,010	139,425,893	122,055,240	106,118,520	94,581,917	83,430,347
Cost	\$	31,029,209	29,910,391	28,968,279	27,853,593	29,351,637	27,584,973
Oil	gal.	475,994	812,232	889,423	897,280	1,000,998	1,002,674
Cost	\$	776,583	907,179	1,088,653	1,051,931	1,033,493	1,053,188
Average number of employees		17,700	17,106	16,565	15,990	16,014	14,848
Salaries and wages paid	\$	102,200,745	95,650,809	86,148,440	80,235,145	75,313,556	65,240,831
Revenues and expenses:							
Operating revenues	\$	254,873,901	235,973,562	220,423,558	201,713,936	190,043,065	182,168,850
Operating expenses	\$	257,445,532	237,714,284	219,487,993	200,278,225	189,413,789	174,581,980
Operating income (loss)	\$	Dr. 2,571,631	Dr. 1,740,722	935,565	1,435,711	629,276	7,586,870
Net income or deficit after income taxes	\$	Dr. 13,146,423	Dr. 6,450,886	Dr. 2,484,178	Dr. 1,806,744	Dr. 552,897	4,699,586
Canadian and Foreign Carriers ³							
Operating statistics:							
Revenue:							
Hours flown (all services)	No.	664,160	712,371	798,527	709,337	742,056	734,822
Miles flown (transportation services)	"	103,335,386	109,699,725	110,889,252	99,858,279	104,699,140	101,723,710
Passengers carried (transportation services)	"	5,740,577	5,451,716	5,316,001	4,555,251	4,319,920	3,864,818
Cargo and excess baggage carried (transportation services)	lb.	211,044,506	217,220,865	214,391,889	200,388,312	264,812,177	319,260,401
Mail carried (transportation services)	"	39,024,564	37,472,154	35,558,226	33,628,013	31,413,504	27,914,288
Passenger-miles (unit toll transportation)	No.	3,352,704,994	2,847,022,735	2,495,682,456	2,142,276,186	1,835,183,870	1,547,279,882
Cargo and excess baggage (unit toll transportation) ton-miles	"	42,476,457	39,044,787	31,296,521	26,447,626	24,456,122	22,065,286
Mail ton-miles (unit toll transportation)	"	14,856,343	14,321,366	13,702,638	13,037,645	12,055,649	10,238,458

¹ Except for hours flown, data relate to transportation services only.² Cargo, excess baggage and mail.³ See Introduction, page 5.

TABLE 2. Operating Statistics, Canadian and Foreign Carriers — All Services, 1961

	Canadian carriers					Foreign carriers ¹		Grand total all carriers
	Scheduled carriers	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers ³	
	Groups I and II ²	Group III ²	Group IV	Total				
Number of carriers reporting	6	21	59	80	86	9	8	103
Transportation services:								
Unit toll:								
Revenue departures	No. 211,420	29,585	10,357	39,942	251,362	..	..	..
Revenue hours flown	" 289,769	31,154	6,632	37,786	327,555	6,000	10,665	344,220
Revenue miles scheduled	" 66,715,675	...	...	...	66,715,675	1,568,999	3,778,143	72,062,817
Revenue miles flown:								
Scheduled services	" 67,668,058 ⁴	...	...	...	67,668,058 ⁴	1,476,885	3,985,166	73,130,109 ⁴
Non-scheduled services	" 3,589,494 ⁴	3,899,999	850,761	4,750,760	8,340,254 ⁴	—	—	8,340,254 ⁴
Totals	" 71,257,552	3,899,999	850,761	4,750,760	76,008,312	1,476,885	3,985,166	81,470,363
Revenue passengers carried....	" 4,394,205	101,071	47,733	148,804	4,543,009	576,859	190,110	5,309,978
Revenue goods carried:								
Cargo	lb. 71,601,504	6,429,728	1,254,877	7,684,605	79,286,109	8,353,426	10,209,788	99,387,112
Excess baggage	" 1,091,355	200,688	245,746	446,434	1,537,789			
Mail	" 33,822,455	1,629,521	297,480	1,927,001	35,749,456			
Totals	" 106,515,314	8,259,937	1,798,103	10,058,040	116,573,354	10,096,702	11,741,620	138,411,676
Revenue passenger-miles	No. 3,128,470,698	25,344,814	3,703,055	29,047,669	3,157,518,367	27,830,338	167,356,289	3,352,704,994
Revenue goods ton-miles:								
Cargo	" 34,969,180	1,726,064	385,673	2,111,737	37,080,917	224,412	3,748,011	42,476,457
Excess baggage	" 1,355,296	55,621	12,200	67,821	1,423,117			
Mail	" 13,777,592	269,014	47,603	316,617	14,094,209			
Totals	" 50,102,068	2,050,699	445,476	2,496,175	52,598,243	258,137	4,476,420	57,332,800
Bulk:								
Revenue:								
Departures	" 23,011	86,437	103,596	190,033	213,044	..	..	..
Hours flown	" 27,363	127,486	88,253	215,739	243,102	9	1,021	244,132
Miles flown	" 3,999,039	9,307,186	8,262,977	17,570,163	21,569,202	1,563	294,258	21,865,023
Passengers carried	" 62,243	168,493	177,152	345,645	407,888	1,088	21,623	430,599
Freight carried	lb. 19,228,686	67,435,596	24,839,740	92,275,336	111,504,022	—	153,372	111,657,394
Non-transportation services:								
Specialty flying:								
Revenue hours flown	No. 4,220	20,576	51,012	71,588	75,808	—	—	75,808
Total—All services:								
Traffic, hours and miles: ⁵								
Revenue:								
Departures	No. 234,431	116,022	113,953	229,975	464,406	..	..	..
Hours flown	" 321,352	179,216	145,897	325,113	646,465	6,009	11,686	664,160
Miles flown	" 75,256,591	13,207,185	9,113,738	22,320,923	97,577,514	1,478,448	4,279,424	103,335,386
Passengers carried	" 4,456,448	269,564	224,885	494,449	4,950,897	577,947	211,733	5,740,577
Cargo carried	lb. 90,830,190	73,865,324	26,094,617	99,959,941	190,790,131	8,353,426 ⁶	10,363,160 ⁶	211,044,506 ⁶
Goods carried	" 125,744,000	75,695,533	26,637,843	102,333,376	228,077,376	10,096,702	11,894,992	250,069,070
Non-revenue:								
Hours flown	No. 12,660	11,378	4,825	16,203	28,863	83	7	28,953
Passengers carried	" ..	2,187	312	2,499	..	8,547	8,643	..
Goods carried	lb. ..	316,872	8,585	325,457	..	194,221	1,009,221	..
Passenger-miles	No. 147,266,649	1,235,996	14,476	1,250,472	148,517,121	471,068	7,025,804	156,013,993
Goods ton-miles	" 5,782,046	179,649	3,540	183,189	5,965,235	9,193	359,044	6,333,472
Fuel consumed:								
Turbo fuel:								
Quantity	gal. 143,816,304	—	—	—	143,816,304	4,052,081	24,709,185	172,577,570
Cost	\$ 20,149,842	—	—	—	20,149,842	694,452	4,350,604	25,194,898
Gasoline:								
Quantity	gal. 21,151,958	7,995,986	2,236,762	10,232,748	31,384,706	1,617,467	2,486,581	35,488,754
Cost	\$ 6,703,011	3,203,155	973,201	4,176,356	10,879,367	486,766	620,358	11,986,491
Oil consumed:								
Turbo aircraft:								
Quantity	gal. 33,460	—	—	—	33,460	319	1,172	34,951
Cost	\$ 313,164	—	—	—	313,164	2,335	10,990	326,489
Other aircraft:								
Quantity	gal. 289,813	113,200	39,521	152,721	442,534	7,973	25,665	476,172
Cost	\$ 266,065	144,157	53,197	197,354	463,419	5,984	20,899	490,302
Average number of employees:								
Flying personnel	No. 2,183	462	239	701	2,884	..	..	..
Other personnel	" 13,489	815	512	1,327	14,816	..	..	..
Totals	" 15,672	1,277	751	2,028	17,700	274	771	18,745
Salaries and wages paid:								
Flying personnel	\$ 19,057,464	3,839,436	1,581,779	5,421,215	24,478,679	..	..	..
Other personnel	\$ 71,224,950	4,078,256	2,418,860	6,497,116	77,722,066	..	..	..
Totals	\$ 90,282,414	7,917,692	4,000,639	11,918,331	102,200,745	1,538,362	3,759,971	107,499,078

¹ See Introduction, page 5.² Nordair Ltd. included with Group III carriers for purposes of this report.³ Includes fifth freedom traffic between United States and Canada.⁴ Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.⁵ Except for hours flown these data relate to transportation services only.⁶ Includes excess baggage.

TABLE 3. Operating Statistics, Canadian Scheduled Carriers — All Services, by Company, 1961

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines ¹	Quebecair Inc. ¹	Transair Ltd. ¹	Total ¹	
Transportation services:									
Unit toll:									
Revenue departures No.	21,646	146,915	168,561	9,163	13,700	11,456	8,540	42,859	211,420
Revenue hours flown "	44,816	200,775	245,591	9,879	15,653	8,135	10,511	44,178	289,769
Revenue miles scheduled "	12,366,847	50,480,375	62,847,222	340,626	1,994,064	1,133,943	399,820	3,868,453	66,715,675
Revenue miles flown:									
Scheduled services:									
Regular "	12,153,506	49,308,959	61,462,465	293,085	1,900,034	988,806	390,792	3,572,717	65,035,182
Extra sections "	173,012	2,171,085	2,344,097	30,994	193,290	41,201	23,294	288,779	2,632,876
Non-scheduled services "	661,676	—	661,676	1,327,271	133,180	439,112	1,028,255	2,927,818	3,589,494
Totals "	12,988,194	51,480,044	64,468,238	1,651,350	2,226,504	1,469,119	1,442,341	6,789,314	71,257,552
Ratio of regular miles flown to miles scheduled "	98.3	97.7	...	86.0	95.3	87.2	97.7	...	...
Revenue passengers carried (Scheduled and non-scheduled) ² No.	371,345	3,690,227	4,061,572	60,488	116,950	108,647	46,548	332,633	4,394,205
Revenue goods carried (Scheduled and non-scheduled): ²									
Express lb.	841,661	8,720,260	9,561,921	—	302,007	2,522,564	124,299	2,948,870	12,510,791
Freight "	4,468,743	35,412,906	39,881,649	13,402,049	4,315,613	—	1,491,402	19,209,064	59,090,713
Excess baggage ..... "	..	..	..	129,597	291,460	556,506	113,792	1,091,355	1,091,355
Mail "	2,121,887	26,725,780	28,847,667	1,462,602	1,577,502	1,308,571	626,113	4,974,788	33,822,455
Totals "	7,432,291	70,858,946	78,291,237	14,994,248	6,486,582	4,387,641	2,355,606	28,224,077	106,515,314
Revenue passenger-miles:									
Scheduled services No.	556,312,868	2,464,665,740	3,020,978,608	4,016,315	31,629,599	21,488,719	5,369,320	62,503,953	3,083,482,561
Non-scheduled services "	15,026,864	—	15,026,864	9,017,801	354,615	7,715,348	12,873,509	29,961,273	44,988,137
Totals "	571,339,732	2,464,665,740	3,036,005,472	13,034,116	31,984,214	29,204,067	18,242,829	92,465,226	3,128,470,698
Available seat-miles on scheduled services "	1,117,607,929	3,848,898,893	4,966,506,822	8,201,128	73,664,179	39,529,656	..	..	..
Passenger load factor on scheduled services "	49.8	64.0	...	49.0	42.9	54.4	..	...	...
Revenue goods ton-miles:									
Express:									
Scheduled services No.	224,503	3,093,311	3,317,814	—	105,508	248,296	8,547	362,351	3,680,165
Non-scheduled services "	11,878	—	11,878	—	—	113,040	21,773	134,813	146,691
Totals "	236,381	3,093,311	3,329,692	—	105,508	361,336	30,320	497,164	3,826,856
Freight:									
Scheduled services "	5,403,532	20,991,543	26,395,075	41,640	1,050,144	—	11,121	1,102,905	27,497,980
Non-scheduled services "	28,182	—	28,182	3,153,534	222,767	—	239,861	3,616,162	3,644,344
Totals "	5,431,714	20,991,543	26,423,257	3,195,174	1,272,911	—	250,982	4,719,067	31,142,324
Excess baggage:									
Scheduled services "	287,919	884,984	1,172,903	2,847	50,936	53,037	7,145	113,965	1,286,868
Non-scheduled services "	1,330	—	1,330	16,381	3,413	26,495	20,809	67,098	68,428
Totals "	289,249	884,984	1,174,233	19,228	54,349	79,532	27,954	181,063	1,355,296
Mail:									
Scheduled services "	1,297,317	11,574,220	12,871,537	49,464	443,956	79,687	19,685	592,792	13,464,329
Non-scheduled services "	46,093	—	46,093	112,555	56,901	26,233	71,481	267,170	313,263
Totals "	1,343,410	11,574,220	12,917,630	162,019	500,857	105,920	91,166	859,962	13,777,592
Total:									
Scheduled services "	7,213,271	36,544,058	43,757,329	93,951	1,650,544	381,020	46,498	2,172,013	45,929,342
Non-scheduled services "	87,483	—	87,483	3,282,470	283,081	165,768	353,924	4,085,243	4,172,726
Totals "	7,300,754	36,544,058	43,844,812	3,376,421	1,933,625	546,788	400,422	6,257,256	50,102,068
Available ton-miles on scheduled services "	144,044,602	519,075,302	663,119,904	890,779	9,546,340	4,440,993	1,402,243	16,280,355	679,400,259
Weight load factor on scheduled services ³ "	43.6	54.5	...	63.3	38.4	50.8	44.8	...	...

See footnotes at end of table.

TABLE 3. Operating Statistics, Canadian Scheduled Carriers — All Services, by Company, 1961 — Concluded

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines ¹	Quebecair Inc. ¹	Transair Ltd. ¹	Total ¹	
Transportation services—Concluded:									
Bulk:									
Revenue:									
Departures..... No.	317	408	725	610	16,188	90	5,398	22,286	23,011
Hours flown..... “	2,347	889	3,236	710	15,803	110	7,504	24,127	27,363
Miles flown..... “	624,208	244,906	869,114	107,734	1,826,467	16,408	1,179,316	3,129,925	3,999,039
Passengers carried..... “	9,574	14,952	24,526	4,099	23,947	263	9,408	37,717	62,243
Freight carried..... lb.	600,808	28,721	629,529	1,886,404	7,885,762	103,003	8,723,988	18,599,157	19,228,686
Non-transportation services:									
Specialty flying:									
Revenue hours flown..... No.	—	91	91	—	3,833	—	296	4,129	4,220
Total—All services:									
Traffic hours and miles: ⁴									
Revenue:									
Departures..... No.	21,963	147,323	169,286	9,773	29,888	11,546	13,938	65,145	234,431
Hours flown..... “	47,163	201,755	248,918	10,589	35,289	8,245	18,311	72,434	321,352
Miles flown..... “	13,612,402	51,724,950	65,337,352	1,759,084	4,052,971	1,485,527	2,621,657	9,919,239	75,256,591
Passengers carried..... “	380,919	3,705,179	4,086,098	64,587	140,897	108,910	55,956	370,350	4,456,448
Cargo carried..... lb.	5,911,212	44,161,887	50,073,099	15,288,453	12,503,382	2,625,567	10,339,689	40,757,091	90,830,190
Goods carried..... “	8,033,099	70,887,667	78,920,766	16,880,652	14,372,344	4,490,644	11,079,594	46,823,234	125,744,000
Non-revenue:									
Hours flown..... No.	2,883	6,556	9,439	324	1,595	714	588	3,221	12,660
Passengers carried..... “	12,150	..	..	1,927	2,294	1,991	1,045	7,257	..
Goods carried..... lb.	1,247,584	..	..	311,018	414,224	—	111,361	836,603	..
Passenger-miles..... No.	24,428,566	120,122,743	144,551,309	543,935	953,087	593,382	624,936	2,715,340	147,266,649
Goods ton-miles..... “	1,856,642	3,686,894	5,543,536	60,850	140,460	—	37,200	238,510	5,782,046
Fuel consumed:									
Turbo fuel:									
Quantity..... gal.	26,240,487	115,499,306	141,739,793	457,459	—	1,619,052	—	2,076,511	143,816,304
Cost..... \$	4,021,348	15,659,207	19,680,555	109,013	—	360,274	—	469,287	20,149,842
Gasoline:									
Quantity..... gal.	6,227,993	9,154,655	15,382,648	1,213,074	2,427,108	190,965	1,938,163	5,769,310	21,151,958
Cost..... \$	1,964,353	2,422,419	4,386,772	369,661	1,098,048	66,737	781,793	2,316,239	6,703,011
Oil consumed:									
Turbo aircraft:									
Quantity..... gal.	5,775	25,721	31,496	62	—	1,902	—	1,964	33,460
Cost..... \$	58,530	240,124	298,654	832	—	13,678	—	14,510	313,164
Other aircraft:									
Quantity..... gal.	74,538	145,147	219,685	14,286	29,760	2,910	23,172	70,128	289,813
Cost..... \$	65,658	122,127	187,785	14,108	37,200	3,800	23,172	78,280	266,065
Average number of employees:									
Flying personnel..... No.	426	1,526	1,952	33	90	48	60	231	2,183
Other personnel..... “	2,278	10,205	12,483	162	383	269	192	1,006	13,489
Totals..... “	2,704	11,731	14,435	195	473	317	252	1,237	15,672
Salaries and wages paid:									
Flying personnel..... \$	4,017,700	13,174,911	17,192,611	289,064	907,820	263,278	404,691	1,864,853	19,057,464
Other personnel..... \$	11,103,526	55,252,342	66,355,868	792,607	2,032,342	1,160,074	884,059	4,869,082	71,224,950
Totals..... \$	15,121,226	68,427,253	83,548,479	1,081,671	2,940,162	1,423,352	1,288,750	6,733,935	90,282,414

¹ Routes included in scheduled or non-scheduled services according to predominant class of service.² Breakdown not available.³ Standard passenger weight used: 200 pounds.⁴ Except for hours flown, these data relate to transportation services only.

TABLE 4. Interline Traffic¹, Canadian Scheduled Carriers—All Services, by Company, 1961

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated No.	301,559	54,911	113,600	108,647	41,267	3,150,148	3,770,132
Domestic interline "	36,624	5,577	—	—	—	540,079	611,581
Foreign interline "	29,301	—	—	—	—	—	—
Totals ² "	367,484	60,488	113,600	108,647	41,267	3,690,227	4,381,711
Revenue express carried:							
Originated lb.	841,661	—	302,007	2,522,564	124,299	8,720,260	12,510,791
Domestic interline "	—	—	—	—	—	—	—
Foreign interline "	—	—	—	—	—	—	—
Totals ² "	841,661	—	302,007	2,522,564	124,299	8,720,260	12,510,791
Revenue freight carried:							
Originated "	3,422,902	9,530,654	4,092,846	—	590,693	35,412,906	53,050,001
Domestic interline "	139,880	—	—	—	—	—	139,880
Foreign interline "	575,013	—	—	—	—	—	575,013
Totals ² "	4,137,795	9,530,654	4,092,846	—	590,693	35,412,906	53,764,894
Revenue excess baggage carried:							
Originated "	..	129,597	288,047	556,506	101,221	..	1,075,371 ³
Domestic interline "	..	—	—	—	—	..	—
Foreign interline "	..	—	—	—	—	..	—
Totals ² "	..	129,597	288,047	556,506	101,221	..	1,075,371 ³
Revenue mail carried:							
Originated "	2,121,887	1,462,602	1,520,601	1,308,571	194,906	26,725,780	33,334,347
Domestic interline "	—	—	—	—	—	—	—
Foreign interline "	—	—	—	—	—	—	—
Totals ² "	2,121,887	1,462,602	1,520,601	1,308,571	194,906	26,725,780	33,334,347

¹ Includes only scheduled and non-scheduled services designated as mainline by Air Transport Board.² Excludes division interline.³ Excludes excess baggage.

TABLE 5. Operating Statistics, Canadian Group I Carriers—Unit Toll Services, by Area of Service, 1961

	Trans- border services	Trans- Atlantic and Polar services	Southern services	Pacific and Orient services	Total International services	Domestic services	Grand total
Revenue departures No.	25,381	5,546	3,853	1,152	35,932	132,629	168,561
Revenue hours flown "	38,345	22,418	14,432	7,961	83,156	162,435	245,591
Revenue miles scheduled "	8,362,218	9,268,372	4,106,298	2,653,459	24,390,347	38,456,875	62,847,222
Revenue miles flown:							
Scheduled services:							
Regular "	8,057,014	9,108,858	4,067,548	2,569,005	23,802,425	37,660,040	61,462,465
Extra sections "	294,654	114,142	157,884	56,515	623,195	1,720,902	2,344,097
Non-scheduled services "	—	—	—	—	—	661,676	661,676
Totals "	8,351,668	9,223,000	4,225,432	2,625,520	24,425,620	40,042,618	64,468,238
Ratio of regular miles flown to miles scheduled "	96.4	98.3	99.1	96.8	97.6	97.9	97.8
Revenue passengers carried No.	..	..	..	..	1,238,671 ¹	3,096,926 ¹	4,335,597 ¹
Revenue freight carried lb.	..	..	..	..	15,935,233 ¹	29,289,631 ¹	45,224,864 ¹
Revenue passenger-miles No.	313,401,828	554,294,957	215,260,918	106,131,739	1,189,089,442	1,846,916,030	3,036,005,472
Available seat-miles on scheduled services "	464,396,706	1,085,718,495	377,194,920	223,441,968	2,150,752,089	2,815,754,733	4,966,506,822
Passenger load factor on scheduled services "	67.5	51.1	57.1	47.5	55.3	65.1	60.8
Revenue goods ton-miles:							
Express No.	496,302	—	—	—	496,302	2,833,390	3,329,692
Freight "	1,747,057	5,863,757	1,535,950	2,293,156	11,439,920	14,983,337	26,423,257
Excess baggage "	104,044	275,356	200,515	52,273	632,188	542,045	1,174,233
Mail "	399,982	1,870,539	312,270	592,326	3,175,117	9,742,513	12,917,630
Totals "	2,747,385	8,009,652	2,048,735	2,937,755	15,743,527	28,101,285	43,844,812
Available ton-miles on scheduled services "	55,789,501	148,889,613	49,664,515	29,406,758	283,750,387	379,369,517	663,119,904
Weight load factor on scheduled services ² "	61.1	42.6	47.5	46.0	47.4	55.7	52.2

¹ Includes division interline traffic.² Standard passenger weight used: 200 pounds.

TABLE 6. Transportation Statistics, Foreign Carriers, by Area of Service, 1961

	United States			Europe			All others			Totals		
	To	From	Total	To	From	Total	To	From	Total	To	From	Total
Revenue passengers carried:												
Unit toll transportation No.	296,957	288,479	585,436	79,125	93,967	173,092	4,303	4,138	8,441	380,385	386,584	766,969
Bulk transportation "	363	725	1,088	11,129	10,494	21,623	—	—	—	11,492	11,219	22,711
Totals "	297,320	289,204	586,524	90,254	104,461	194,715	4,303	4,138	8,441	391,877	397,803	789,680
Revenue freight, express and excess baggage carried:												
Unit toll transportation lb.	1,329,737	7,059,526	8,389,263	2,326,379	7,661,110	9,987,489	156,369	30,093	186,462	3,812,485	14,750,729	18,563,214
Bulk transportation "	—	—	—	76,186	77,186	153,372	—	—	—	76,186	77,186	153,372
Totals "	1,329,737	7,059,526	8,389,263	2,402,565	7,738,296	10,140,861	156,369	30,093	186,462	3,888,671	14,827,915	18,716,586
Mail carried (Unit toll transportation) "	536,227	1,205,733	1,741,960	423,188	1,092,380	1,515,568	11,385	6,195	17,580	970,800	2,304,308	3,275,108

TABLE 7. Statistical Summary of Group V Carriers, 1961

Operating Statistics	1961	Statement of Income	1961
			\$
Number of reporting carriers.....	188	Operating revenues:	
Bulk transportation:		Bulk transportation	3,282,841
Revenue hours flown No.	70,123	Specialty flying services	2,334,070
Revenue passengers carried "	151,498	Total flying services	5,616,911
Revenue goods carried lb.	10,397,821	Non-flying services	3,154,066
Specialty flying services:		Total operating revenues	8,770,977
Revenue hours flown:		Operating expenses:	
Flying training No.	65,383	Flying operations	3,463,877
Recreational flying "	13,104	Maintenance	1,157,390
Aerial photography and survey "	2,412	General services and administration	3,109,819
Aerial photography (excl. survey) "	455	Depreciation	1,087,969
Aerial pest control "	3,524	Total operating expenses	8,819,055
Aerial advertising "	73	Operating income (loss)	Dr. 48,078
Aerial patrol and inspection "	8,688	Non-operating income—net	Dr. 211,626
Philanthropic	—	Income before income taxes	Dr. 259,704
Aerial fish cultivation	—	Provision for income taxes	50,995
Geophysical survey No.	1,010	Net income after income taxes	Dr. 310,699
Non-transportation charter "	778		
Other specialty flying "	13,408		
Total specialty flying services "	108,835		
Total—All services:			
Revenue hours flown "	178,958		
Non-revenue hours flown "	10,818		

TABLE 8. Balance Sheet, Canadian Carriers, by Revenue Group, Year Ended December 31, 1961

	Scheduled carriers			Non-scheduled carriers			Grand total
	Group I	Group II	Total	Group III	Group IV	Total	
	dollars						
Assets:							
Current assets:							
Cash and special deposits	3,745,609	Cr. 47,805	3,697,804	616,640	391,431	1,008,071	4,705,875
Notes and accounts receivable	25,415,849	2,161,927	27,577,776	4,108,901	1,989,726	6,098,627	33,676,403
Less: reserve for uncollectible accounts	178,000	37,186	215,186	211,272	105,739	317,011	532,197
Materials and supplies	26,411,518	855,637	27,267,155	2,164,944	1,435,979	3,600,923	30,868,078
Short term prepayments	705,989	379,974	1,085,963	617,363	285,286	902,649	1,988,612
Other current assets	711	—	711	187,280	512,994	700,274	700,985
Total current assets	56,101,676	3,312,547	59,414,223	7,483,856	4,509,677	11,993,533	71,407,756
Investments and special funds	10,350,176	2,649,325	12,999,501	2,215,161	389,331	2,604,492	15,603,993
Property and equipment:							
Operating	308,382,870	22,352,210	330,735,080	25,028,967	12,833,579	37,862,546	368,597,626
Less: accumulated depreciation	72,266,235	8,273,786	80,540,021	12,177,091	8,027,049	20,204,140	100,744,161
Non-operating	10,952,035	16,937	10,968,972	334,934	52,091	387,025	11,355,997
Less: accumulated depreciation	9,080,621	14,325	9,094,946	50,930	17,400	68,330	9,163,276
Total property and equipment	237,988,049	14,081,036	252,069,085	13,135,830	4,841,221	17,977,101	270,046,186
Deferred charges:							
Long term prepayments	5,669,165	1,352,261	7,021,426	—	64,504	64,504	7,085,930
Other deferred charges	161,706	1,274,593	1,436,299	281,836	389,901	671,737	2,108,036
Total deferred charges	5,830,871	2,626,854	8,457,725	281,836	454,405	736,241	9,193,966
Total assets	310,270,772	22,669,762	332,940,534	23,116,733	10,194,634	33,311,367	366,251,901
Liabilities:							
Current liabilities:							
Notes and accounts payable	28,724,944	4,112,427	32,837,371	5,504,385	2,161,558	7,665,943	40,503,314
Current portion of long term debt	—	764,489	764,489	639,989	702,542	1,342,531	2,107,020
Accrued taxes	226,878	62,932	289,810	114,634	90,584	205,218	495,028
Other current and accrued liabilities	11,775,333	362,054	12,137,387	569,752	698,421	1,268,173	13,405,560
Total current liabilities	40,727,155	5,301,902	46,029,057	6,828,760	3,653,105	10,481,865	56,510,922
Non-current liabilities:							
Long term debt	—	8,227,534	8,227,534	3,593,229	1,803,551	5,396,780	13,624,314
Other non-current liabilities	246,326,927	108,346	246,435,273	3,622,282	564,326	4,186,608	250,621,881
Total non-current liabilities	246,326,927	8,335,880	254,662,807	7,215,511	2,367,877	9,583,388	264,246,195
Deferred credits	11,777	—	11,777	202,698	67,851	270,549	282,326
Reserves	12,601,062	1,076,354	13,677,416	991,587	49,129	1,040,716	14,718,132
Capital stock and surplus:							
Capital stock issued and outstanding:							
Preferred	9,750,000	1,242,675	10,992,675	1,611,892	1,064,244	2,676,136	13,668,811
Common	18,000,000	888,588	18,888,588	1,682,249	895,632	2,577,881	21,466,469
Other paid-in capital	—	666,600	666,600	494,710	111,550	606,260	1,272,860
Unappropriated surplus	Dr. 17,146,149	5,157,763	Dr. 11,988,386	4,089,326 ¹	1,985,246	6,074,572 ¹	Dr. 5,913,814 ¹
Total capital stock and surplus	10,603,851	7,955,626	18,559,477	7,878,177	4,056,672	11,934,849	30,494,326
Total liabilities	310,270,772	22,669,762	332,940,534	23,116,733	10,194,634	33,311,367	366,251,901

¹ Includes \$314,262 which represents an excess of appraisal value of the fixed assets.

TABLE 9. Balance Sheet, Canadian Scheduled Carriers, by Company Year Ended December 31, 1961

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
	dollars						
Assets:							
Current assets:							
Cash	1,637,839	—	5,995	Cr. 62,859	3,694	2,056,422	3,641,091
Special deposits	—	—	2,590	2,775	—	51,348	56,713
Notes and accounts receivable:							
Governments	—	227,737	277,424	..	272,865	4,032,827	..
General traffic	4,017,731	36,932	270,311	..	336,932	9,400,852	..
Associated companies	2,769,105	133,577	268	..	1,575	539,732	..
Company personnel	44,929	5,010	27,154	..	7,400	56,311	..
Other	2,134,489	283,854	—	..	—	2,419,873	..
Total notes and accounts receivable	8,966,254	687,110	575,157	280,888	618,772	16,449,595	27,577,776
Less: reserve for uncollectible accounts	70,000	14,059	8,897	—	14,230	108,000	215,186
Materials and supplies	2,419,042	232,810	350,730	26,595	245,502	23,992,476	27,267,155
Short term prepayments	415,603	83,137	142,170	33,446	121,221	290,386	1,085,963
Other current assets	—	—	—	—	—	711	711
Total current assets	13,368,738	988,998	1,067,745	280,845	974,959	42,732,938	59,414,223
Investments and special funds:							
Investments in associated companies	8,629	2,000,100	—	—	88,815	23,788	2,121,332
Other investments	1,912,707	550,835	—	9,575	—	—	2,473,117
Special funds	42,695	—	—	—	—	8,362,357	8,405,052
Total investments and special funds	1,964,031	2,550,935	—	9,575	88,815	8,386,145	12,999,501
Property and equipment:							
Operating	26,733,759	4,789,715	5,527,165	7,902,906	4,132,424	281,649,111	330,735,080
Less: accumulated depreciation	11,261,386	2,222,567	2,935,380	1,710,074	1,405,765	61,004,849	80,540,021
Non-operating	270,349	16,937	—	—	—	10,681,686	10,968,972
Less: accumulated depreciation	188,661	14,325	—	—	—	8,891,960	9,094,946
Total property and equipment	15,554,061	2,569,760	2,591,785	6,192,832	2,726,659	222,433,988	252,069,085
Deferred charges:							
Long term prepayments	—	—	—	32,024	—	95,123	127,147
Developmental and pre-operating costs	2,493,772	—	60,012	334,284	362,671	3,080,270	6,331,009
Unamortized discount and expense on debt	—	—	—	563,270	—	—	563,270
Property acquisition adjustment	—	—	—	—	—	—	—
Other intangibles	—	—	1,274,593	—	—	—	1,274,593
Other deferred charges	161,706	—	—	—	—	—	161,706
Total deferred charges	2,655,478	—	1,334,605	929,578	362,671	3,175,393	8,457,725
Total assets	33,542,308	6,109,693	4,994,135	7,412,830	4,153,104	276,728,464	332,940,534
Liabilities:							
Current liabilities:							
Notes and accounts payable:							
Current notes payable	—	40,453	772,557	—	452,653	—	1,265,663
Accounts payable — general	2,381,857	429,493	443,067	1,150,058	589,183	12,630,341	17,623,999
Collections as agents — Traffic	1,666,467	5,886	17,763	—	24,281	5,751,559	7,465,956
Other	353,690	—	37,810	—	2,464	1,888,703	2,282,667
Associated companies	774,276	146,759	—	—	—	3,278,051	4,199,086
Current portion of long term debt	—	100,000	458,989	—	205,500	—	764,489
Total notes and accounts payable	5,176,290	722,591	1,730,186	1,150,058	1,274,081	23,548,654	33,601,860
Accrued salaries and wages	731,454	48,326	111,422	83,557	46,542	2,539,141	3,560,442
Accrued taxes	74,744	15,912	47,020	—	—	152,134	289,810
Dividends payable	—	—	—	—	118	—	118
Air travel plan liability	—	—	—	—	1,266	1,758,225	1,759,491
Unearned transportation revenue	1,910,341	20,662	13,592	—	34,890	3,400,879	5,380,364
Other current liabilities	1,377,924	—	—	—	1,679	57,369	1,436,972
Total current liabilities	9,270,753	807,491	1,902,220	1,233,615	1,358,576	31,456,402	46,029,057
Non-current liabilities:							
Long term debt	—	706,654	432,356	5,707,042	1,381,482	—	8,227,534
Advances from associated companies	9,965,335	—	—	—	108,346	227,671,000	237,744,681
Pension liability	—	—	—	—	—	—	—
Other non-current liabilities	8,690,592	—	—	—	—	—	8,690,592
Total non-current liabilities	18,655,927	706,654	432,356	5,707,042	1,489,828	227,671,000	254,662,807
Deferred credits:							
Unamortized premium on debt	—	—	—	—	—	—	—
Other deferred credits	11,777	—	—	—	—	—	11,777
Total deferred credits	11,777	—	—	—	—	—	11,777
Reserves:							
Reserve for major overhauls	—	50,000	253,931	42,932	729,491	—	1,076,354
Reserve for self-insurance	—	—	—	—	—	8,362,357	8,362,357
Other reserves	—	—	—	—	—	4,238,705	4,238,705
Total reserves	—	50,000	253,931	42,932	729,491	12,601,062	13,677,416
Capital stock and surplus:							
Capital stock issued and outstanding:							
Preferred	9,750,000	—	1,158,950	47,225	36,500	—	10,992,675
Common	13,000,000	15,000	356,493	67,708	449,387	5,000,000	18,888,588
Capital stock subscribed and unissued	—	666,600	—	—	—	—	666,600
Other paid in capital	—	—	—	—	—	—	—
Unappropriated surplus	Dr. 17,146,149	3,863,948	890,185	314,308	89,322	—	Dr. 11,988,386
Total capital stock and surplus	5,603,851	4,545,548	2,405,628	429,241	575,209	5,000,000	18,559,477
Total liabilities	33,542,308	6,109,693	4,994,135	7,412,830	4,153,104	276,728,464	332,940,534

**TABLE 10. Property and Equipment and Accumulated Depreciation, Canadian Carriers, by Revenue Group,
Year Ended December 31, 1961**

No.		Cost		
		Beginning of year	Additions	Retirements
		Group I and II Carriers		
		dollars		
	Operating property and equipment:			
1	Flight equipment	199,685,502	89,424,317	17,017,016
2	Ground equipment	23,990,043	4,242,666	434,286
3	Buildings and other improvements	38,546,547	3,893,487	293,392
4	Total flight and ground property and equipment	262,222,092	97,560,470	17,744,694
5	Land	46,337	9,577	50
6	Construction work in progress	58,550,936	69,488	46,359,051
7	Total operating property and equipment	320,819,365	97,639,535	64,103,795
8	Non-operating property and equipment	3,041,384	260	15,251,625
9	Total property and equipment	323,860,749	97,639,795	79,355,420
		Group III Carriers		
		dollars		
	Operating property and equipment:			
10	Flight equipment	17,101,176	3,998,505	1,491,211
11	Ground equipment	1,503,953	239,321	61,134
12	Buildings and other improvements	3,085,797	208,133	3,750
13	Total flight and ground property and equipment	21,690,926	4,445,959	1,556,095
14	Land	115,753	25,914	5,000
15	Construction work in progress	—	49,109	—
16	Total operating property and equipment	21,806,679	4,520,982	1,561,095
17	Non-operating property and equipment	328,670	2,675	—
18	Total property and equipment	22,135,349	4,523,657	1,561,095
		Group IV Carriers		
		dollars		
	Operating property and equipment:			
19	Flight equipment	8,942,434	2,173,303	1,128,852
20	Ground equipment	1,045,296	158,029	69,488
21	Buildings and other improvements	1,401,689	194,371	20,767
22	Total flight and ground property and equipment	11,389,419	2,525,703	1,219,107
23	Land	244,014	2,450	5,983
24	Construction work in progress	5,876	4,336	—
25	Total operating property and equipment	11,639,309	2,532,489	1,225,090
26	Non-operating property and equipment	80,324	10,185	36,824
27	Total property and equipment	11,719,633	2,542,674	1,261,914

TABLE 10. Property and Equipment and Accumulated Depreciation, Canadian Carriers, by Revenue Group, Year Ended December 31, 1961

Cost			Accumulated depreciation					No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year	End of year	
Debit	Credit			Debit	Credit			
Group I and II Carriers								
dollars								
13,536	23,636,949	248,469,390	74,691,658	9,360,678	Dr. 21,103,469	19,287,508	63,515,019	1
—	—	27,798,423	8,539,862	374,852	116,399	2,308,317	10,589,156	2
3,388	—	42,150,030	5,070,017	234,096	114,813	1,484,542	6,435,846	3
16,924	23,636,949	318,417,843	88,301,537	9,969,626	Dr. 20,872,257	23,080,367	80,540,021	4
—	—	55,864	—	—	—	—	—	5
—	—	12,261,373	—	—	—	—	—	6
16,924	23,636,949	330,735,080	88,301,537	9,969,626	Dr. 20,872,257	23,080,367	80,540,021	7
23,636,949	457,996	10,968,972	3,204,570	15,420,777	21,287,223	23,930	9,094,946	8
23,653,873	24,094,945	341,704,052	91,506,107	25,390,403	414,966	23,104,297	89,634,967	9
Group III Carriers								
dollars								
263,940	43	19,872,367	8,934,041	747,300	288,934	1,842,921	10,318,596	10
2,812	—	1,684,952	750,855	45,295	104,698	194,119	1,004,377	11
—	4,308	3,285,872	690,515	114	—	163,717	854,118	12
266,752	4,351	24,843,191	10,375,411	792,709	393,632	2,200,757	12,177,091	13
—	—	136,667	—	—	—	—	—	14
—	—	49,109	—	—	—	—	—	15
266,752	4,351	25,028,967	10,375,411	792,709	393,632	2,200,757	12,177,091	16
4,308	718	334,935	23,597	1,489	3,082	25,741	50,931	17
271,060	5,069	25,363,902	10,399,008	794,198	396,714	2,226,498	12,228,022	18
Group IV Carriers								
dollars								
9,871	113,605	9,883,151	6,059,732	422,894	15,274	1,126,525	6,778,637	19
293	17,768	1,116,362	1,096,130	34,593	2,284	184,225	1,248,046	20
13,956	—	1,589,249	—	—	—	366	366	21
24,120	131,373	12,588,762	7,155,862	457,487	17,558	1,311,116	8,027,049	22
—	—	240,481	—	—	—	—	—	23
—	5,876	4,336	—	—	—	—	—	24
24,120	137,249	12,833,579	7,155,862	457,487	17,558	1,311,116	8,027,049	25
—	1,594	52,091	28,367	17,085	—	6,118	17,400	26
24,120	138,843	12,885,670	7,184,229	474,572	17,558	1,317,234	8,044,449	27

**TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1961**

No.		Cost		
		Beginning of year	Additions	Retirements
		Canadian Pacific Air Lines		
		dollars		
	Operating property and equipment:			
	Flight equipment:			
1	Airframes	11,605,814	3,431,932	4,781,484
2	Aircraft engines	3,524,121	593,884	1,463,086
3	Aircraft propellers	547,692	139,172	174,080
4	Aircraft communications and navigational equipment	501,239	143,417	206,660
5	Miscellaneous flight equipment	373,444	83,863	46,358
6	Flight equipment, spare parts and assemblies	3,592,298	1,579,209	277,800
7	Total flight equipment, spare parts and assemblies	20,144,608	5,971,477	6,949,468
	Ground property and equipment:			
8	Ramp equipment	523,455	392,764	7,407
9	Communications and meteorological equipment	53,907	—	3,837
10	Maintenance and engineering equipment	1,063,937	567,787	19,102
11	Surface transport vehicles and equipment	101,363	23,693	18,546
12	Furniture, fixtures and office equipment	398,068	37,448	7,530
13	Miscellaneous ground equipment	1,162,545	22,956	14,012
14	Buildings and other improvements	3,072,175	147,804	1,840
15	Total operating ground property and equipment	6,375,450	1,192,452	72,274
16	Land	2,232	—	50
17	Construction work in progress	—	69,252	—
18	Total operating property and equipment	26,522,290	7,233,181	7,021,792
19	Non-operating property and equipment	270,449	—	20
20	Total property and equipment	26,792,739	7,233,181	7,021,812
		Maritime Central Airways		
		dollars		
	Operating property and equipment:			
	Flight equipment:			
21	Airframes	2,159,892	1,509,653	934,819
22	Aircraft engines	674,564	121,242	428,156
23	Aircraft propellers	68,556	18,624	34,613
24	Aircraft communications and navigational equipment	91,785	150,663	24,099
25	Miscellaneous flight equipment	111,279	2,802	18,209
26	Flight equipment spare parts and assemblies	230,906	29,952	114,411
27	Total flight equipment	3,336,982	1,832,936	1,554,307
	Ground property and equipment:			
28	Ramp equipment	76,054	18,975	7,542
29	Communications and meteorological equipment	48,850	—	—
30	Maintenance and engineering equipment	6,057	1,314	—
31	Surface transport vehicles and equipment	56,241	13,862	23,426
32	Furniture, fixtures and office equipment	85,898	9,180	1,376
33	Miscellaneous ground equipment	171,905	466	—
34	Buildings and other improvements	668,070	29,823	3,255
35	Total operating ground property and equipment	1,113,075	73,620	35,599
36	Land	5,954	210	—
37	Construction work in progress	—	—	—
38	Total operating property and equipment	4,456,011	1,906,766	1,589,906
39	Non-operating property and equipment	16,677	260	—
40	Total property and equipment	4,472,688	1,907,026	1,589,906

TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company, Year Ended December 31, 1961

Cost		Accumulated depreciation							No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year		End of year	
Debit	Credit			Debit	Credit	Rate	Amount		
Canadian Pacific Air Lines									
dollars									
—	—	10,256,262	4,996,906	1,042,993	—	8.5	1,058,476	5,012,389	1
—	—	2,654,919	1,766,600	597,572	—	8.5	318,420	1,487,448	2
—	—	512,784	202,624	43,717	—	8.5	48,847	207,754	3
—	—	437,996	207,180	40,331	—	8.5	44,371	211,220	4
—	—	410,949	105,928	18,685	—	8.5	31,771	119,014	5
80	—	4,893,787	1,135,580	108,874	8,796	10.0	414,485	1,449,987	6
80	—	19,166,697	8,414,818	1,852,172	8,796	—	1,916,370	8,487,812	7
—	—	908,812	170,186	4,203	—	10.0	57,419	223,402	8
—	—	50,070	53,907	3,837	—	—	—	50,070	9
—	—	1,612,622	669,639	19,102	—	10.0	114,514	765,051	10
—	—	106,510	69,462	18,546	—	25.0	12,115	63,031	11
—	—	427,986	235,147	6,716	—	10.0	34,084	262,515	12
—	—	1,171,489	398,306	13,912	—	10.0	104,024	488,418	13
—	—	3,218,139	822,310	1,840	—	20.0 40.0	100,617	921,087	14
—	—	7,495,628	2,418,957	68,156	—	—	422,773	2,773,574	15
—	—	2,182	—	—	—	—	—	—	16
—	—	69,252	—	—	—	—	—	—	17
80	—	26,733,759	10,833,775	1,920,328	8,796	—	2,339,143	11,261,386	18
—	80	270,349	165,663	20	—	8.5	23,018	188,661	19
80	80	27,004,108	10,999,438	1,920,348	8,796	—	2,362,161	11,450,047	20
Maritime Central Airways									
dollars									
13,456	—	2,748,182	1,447,014	321,940	13,456	—	41,191	1,179,721	21
—	—	367,650	375,745	194,461	—	20.0	20,664	201,948	22
—	—	52,567	34,247	12,720	—	20.0	3,673	25,200	23
—	—	218,349	65,144	8,547	—	20.0	8,549	65,146	24
—	—	95,872	94,459	15,692	—	20.0	3,421	82,188	25
—	—	146,447	147,011	69,064	—	40.0	27,400	105,347	26
13,456	—	3,629,067	2,163,620	622,424	13,456	—	104,898	1,659,550	27
—	—	87,487	38,807	2,176	—	20.0 30.0	14,516	51,147	28
—	—	48,850	39,941	—	—	25.0	2,227	42,168	29
—	—	7,371	2,572	—	—	20.0 30.0	967	3,539	30
—	—	46,677	28,788	13,101	—	30.0	9,297	24,984	31
—	—	93,702	49,609	696	—	20.0	8,958	57,871	32
—	—	172,371	119,483	—	—	20.0	10,578	130,061	33
3,388	—	698,026	219,055	437	570	5.0 10.0	34,059	253,247	34
3,388	—	1,154,484	498,255	16,410	570	...	80,602	563,017	35
—	—	6,164	—	—	—	—	—	—	36
—	—	—	—	—	—	...	—	—	37
16,844	—	4,789,715	2,661,875	638,834	14,026	...	185,500	2,222,567	38
—	—	16,937	13,413	—	—	..	912	14,325	39
16,844	—	4,806,652	2,675,288	638,834	14,026	...	186,412	2,236,892	40

**TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1961 — Continued**

No.		Cost		
		Beginning of year	Additions	Retirements
Pacific Western Airlines				
dollars				
	Operating property and equipment:			
	Flight equipment:			
1	Airframes	3,011,983	404,228	152,471
2	Aircraft engines	656,977	94,521	88,909
3	Aircraft propellers	—	—	—
4	Aircraft communications and navigational equipment	115,777	19,548	8,817
5	Miscellaneous flight equipment	19,153	3,584	—
6	Flight equipment, spare parts and assemblies	546,964	44,834	4,320
7	Total flight equipment	4,350,854	566,715	254,517
	Ground property and equipment:			
8	Ramp equipment	—	—	—
9	Communications and meteorological equipment	141,610	1,392	—
10	Maintenance and engineering equipment	169,004	88	4,605
11	Surface transport vehicles and equipment	102,235	486	3,581
12	Furniture, fixtures and office equipment	153,758	7,351	9,643
13	Miscellaneous ground equipment	97,264	3,419	105
14	Buildings and other improvements	310,159	10,186	116,493
15	Total operating ground property and equipment	974,030	22,922	134,427
16	Land	1,352	—	—
17	Construction work in progress	13,719	236	13,719
18	Total operating property and equipment	5,339,955	589,873	402,663
19	Non-operating property and equipment	457,916	—	—
20	Total property and equipment	5,797,871	589,873	402,663
Quebecair Inc.				
dollars				
	Operating property and equipment:			
	Flight equipment:			
21	Airframes	5,574,522	2,682	132,162
22	Aircraft engines	345,767	—	—
23	Aircraft propellers	107,634	—	—
24	Aircraft communications and navigational equipment	184,389	36,171	50
25	Miscellaneous flight equipment	7,663	1,606	97
26	Flight equipment, spare parts and assemblies	490,607	—	—
27	Total flight equipment	6,710,582	40,459	132,309
	Ground property and equipment:			
28	Ramp equipment	155,290	34,539	—
29	Communications and meteorological equipment	63,106	2,381	—
30	Maintenance and engineering equipment	111,718	15,764	—
31	Surface transport vehicles and equipment	24,081	—	4,641
32	Furniture, fixtures and office equipment	105,230	11,630	379
33	Miscellaneous ground equipment	17,241	542	—
34	Buildings and other improvements	713,740	9,932	—
35	Total operating ground property and equipment	1,190,406	74,788	5,020
36	Land	24,000	—	—
37	Construction work in progress	—	—	—
38	Total operating property and equipment	7,924,988	115,247	137,329
39	Non-operating property and equipment	—	—	—
40	Total property and equipment	7,924,988	115,247	137,329

TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company
Year Ended December 31, 1961 — Continued

Cost			Accumulated depreciation						No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year		End of year	
Debit	Credit			Debit	Credit	Rate	Amount		
Pacific Western Airlines									
dollars									
—	—	3,263,740	1,404,578	102,936	148,589	..	354,367	1,804,598	1
—	—	662,589	256,217	53,118	9,051	..	110,969	323,119	2
—	—	—	—	—	—	..	—	—	3
—	—	126,508	51,360	3,873	3,400	..	22,749	73,636	4
—	—	22,737	9,107	—	462	..	2,535	12,104	5
—	—	587,478	127,631	1,598	—	..	94,476	220,509	6
—	—	4,663,052	1,848,893	161,525	161,502	...	585,096	2,433,966	7
—	—	—	—	—	—	..	—	—	8
—	—	143,002	46,281	—	11,099	..	13,092	70,472	9
—	—	164,487	62,199	1,715	30,527	..	12,386	103,397	10
—	—	99,140	50,593	3,581	16,024	..	11,253	74,289	11
—	—	151,466	61,313	6,275	24,447	..	11,218	90,703	12
—	—	100,578	27,527	53	10,024	..	8,552	46,050	13
—	—	203,852	111,313	116,493	107,613	..	14,070	116,503	14
—	—	862,525	359,226	128,117	199,734	...	70,571	501,414	15
—	—	1,352	—	—	—	..	—	—	16
—	—	236	—	—	—	..	—	—	17
—	—	5,527,165	2,208,119	289,642	361,236	...	655,667	2,935,380	18
—	457,916	—	819,152	819,152	—	..	—	—	19
—	457,916	5,527,165	3,027,271	1,108,794	361,236	...	655,667	2,935,380	20
Quebecair Inc.									
dollars									
—	—	5,445,042	755,498	33,049	—	10	528,856	1,251,305	21
—	—	345,767	35,924	—	—	10	34,047	69,971	22
—	—	107,634	—	—	—	—	—	—	23
—	—	220,510	40,971	43	—	10	21,972	62,900	24
—	—	9,172	3,991	97	—	10	673	4,567	25
—	—	490,607	—	—	—	—	—	—	26
—	—	6,618,732	836,384	33,189	—	...	585,548	1,388,743	27
—	—	189,829	63,664	—	—	10	16,759	80,423	28
—	—	65,487	24,500	—	—	10	5,726	30,226	29
—	—	127,482	33,801	—	—	10	12,181	45,982	30
—	—	19,440	12,800	3,945	—	15	2,597	11,452	31
—	—	116,481	25,028	244	—	10	11,400	36,184	32
—	—	17,783	3,470	—	—	10	1,778	5,248	33
—	—	723,672	80,149	—	—	5	31,667	111,816	34
—	—	1,260,174	243,412	4,189	—	...	82,108	321,331	35
—	—	24,000	—	—	—	—	—	—	36
—	—	—	—	—	—	—	—	—	37
—	—	7,902,906	1,079,796	37,378	—	...	667,656	1,710,074	38
—	—	—	—	—	—	—	—	—	39
—	—	7,902,906	1,079,796	37,378	—	...	667,656	1,710,074	40

**TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1961 — Concluded**

No.		Cost		
		Beginning of year	Additions	Retirements
		Transair Ltd.		
		dollars		
	Operating property and equipment:			
	Flight equipment:			
1	Airframes	1,521,407	346,732	59,128
2	Aircraft engines	547,692	299,987	30,339
3	Aircraft propellers	—	—	—
4	Aircraft communications and navigational equipment	50,754	22,918	2,400
5	Miscellaneous flight equipment	11,285	14,399	—
6	Flight equipment, spare parts and assemblies	—	125,000	—
7	Total flight equipment	2,131,138	809,036	91,867
	Ground property and equipment:			
8	Ramp equipment	—	—	—
9	Communications and meteorological equipment	—	—	—
10	Maintenance and engineering equipment	56,574	14,325	813
11	Surface transport vehicles and equipment	86,635	70,746	—
12	Furniture, fixtures, and office equipment	85,608	11,073	2,809
13	Miscellaneous ground equipment	69,267	16,790	69
14	Buildings and other improvements	—	—	—
15	Total operating ground property and equipment	806,629	47,995	—
16	Land	1,104,713	160,929	3,691
17	Construction work in progress	12,799	9,367	—
18	Total operating property and equipment	—	—	—
19	Non-operating property and equipment	3,248,650	979,332	95,558
20	Total property and equipment	—	—	—
		Trans-Canada Air Lines		
		dollars		
	Operating property and equipment:			
	Flight equipment:			
21	Airframes	155,488,275	56,359,762	2,211,661
22	Aircraft engines	27,862,764	16,677,415	2,102,430
23	Aircraft propellers	2,767,961	1,961,256	82,066
24	Aircraft communications and navigational equipment	3,028,553	1,557,367	56,728
25	Miscellaneous flight equipment	39,544	3,600	—
26	Flight equipment, spare parts and assemblies	13,824,241	3,644,294	3,581,663
27	Total flight equipment	163,011,338	80,203,694	8,034,548
	Ground property and equipment:			
28	Ramp equipment	4,904,013	1,099,059	60,785
29	Communications and meteorological equipment	429,541	88,322	11,230
30	Maintenance and engineering equipment	7,649,057	948,914	149,431
31	Surface transport vehicles and equipment	312,620	52,182	24,924
32	Furniture, fixtures and office equipment	2,563,949	258,862	46,791
33	Miscellaneous ground equipment	2,943,962	516,356	11,702
34	Buildings and other improvements	32,975,774	3,647,747	171,804
35	Total operating ground property and equipment	51,778,916	6,611,442	476,667
36	Land	—	—	—
37	Construction work in progress	58,537,217	—	46,345,332
38	Total operating property and equipment	273,327,471	86,815,136	54,856,547
39	Non-operating property and equipment	2,296,342	—	15,251,605
40	Total property and equipment	275,623,813	86,815,136	70,108,152

TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company, Year Ended December 31, 1961 — Concluded

Cost			Accumulated depreciation							No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year		End of year		
Debit	Credit			Debit	Credit	Rate	Amount			
Transair Ltd.										
dollars										
-	-	1,809,011	599,737	31,308	-	-	142,206	710,635	1	
-	-	817,340	53,398	-	-	-	12,857	66,255	2	
-	-	-	-	-	-	-	-	-	3	
-	-	71,272	41,588	2,177	-	40.0	8,249	47,660	4	
-	-	25,684	10,283	-	-	40.0	3,281	13,564	5	
-	-	125,000	-	-	-	-	-	-	6	
-	-	2,848,307	705,006	33,485	-	...	166,593	838,114	7	
-	-	-	-	-	-	-	-	-	8	
-	-	70,086	36,606	782	-	25.0	6,783	42,607	9	
-	-	157,381	51,653	-	18,969	20.0	12,360	82,982	10	
-	-	93,872	69,618	2,396	2,583	25.0	6,091	75,896	11	
-	-	85,988	43,942	30	2,156	20.0	6,548	52,616	12	
-	-	-	-	-	-	-	-	-	13	
-	-	854,624	266,824	-	7,200	5.0-10.0	39,526	313,550	14	
-	-	1,261,951	468,643	3,208	30,908	...	71,308	567,651	15	
-	-	22,166	-	-	-	-	-	-	16	
-	-	-	-	-	-	-	-	-	17	
-	-	4,132,424	1,173,649	36,693	30,908	...	237,901	1,405,765	18	
-	-	-	-	-	-	-	-	-	19	
-	-	4,132,424	1,173,649	36,693	30,908	...	237,901	1,405,765	20	
Trans-Canada Air Lines										
dollars										
-	17,929,226	151,707,150	39,808,759	1,227,511	Dr. 15,969,839	..	10,795,504	33,406,913	21	
-	3,797,676	38,640,073	11,280,070	1,936,066	Dr. 3,507,419	..	3,156,203	8,992,788	22	
-	997,973	3,649,178	1,734,954	46,080	Dr. 935,310	..	256,368	1,009,932	23	
-	873,037	3,656,155	1,667,546	35,348	Dr. 835,618	..	297,050	1,093,680	24	
-	39,037	4,107	39,037	-	Dr. 39,037	..	366	366	25	
-	-	13,886,872	6,192,571	3,412,878	-	..	1,423,512	4,203,205	26	
-	23,636,949	211,543,535	60,722,937	6,657,883	Dr. 21,287,223	...	15,929,003	48,706,834	27	
-	-	5,942,287	1,216,954	52,535	-	..	549,131	1,713,550	28	
-	-	506,633	332,818	10,708	-	..	18,574	340,684	29	
-	-	8,448,540	3,071,926	144,965	-	..	769,477	3,696,438	30	
-	-	339,878	175,203	19,337	-	..	63,879	219,745	31	
-	-	2,776,020	748,051	36,444	-	..	178,511	890,118	32	
-	-	3,448,616	506,068	9,553	-	..	221,322	717,837	33	
-	-	36,451,717	3,570,366	115,326	-	..	1,264,603	4,719,643	34	
-	-	57,913,691	9,621,386	388,868	-	...	3,065,497	12,298,015	35	
-	-	-	-	-	-	-	-	-	36	
-	-	12,191,885	-	-	-	..	-	-	37	
-	23,636,949	281,649,111	70,344,323	7,046,751	Dr. 21,287,223	...	18,994,500	61,004,849	38	
23,636,949	-	10,681,686	2,206,342	14,601,605	21,287,223	..	-	8,891,960	39	
23,636,949	23,636,949	292,330,797	72,550,665	21,648,356	-	...	18,994,500	69,896,809	40	

TABLE 12. Statement of Income, Canadian Carriers — All Services, by Revenue Group, Year Ended December 31, 1961

	Scheduled carriers			Non-scheduled carriers			Grand total	Grand total 1960
	Group I	Group II ¹	Total	Group III ²	Group IV	Total		
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	175,403,235	8,061,410	183,464,645	2,880,345	545,393	3,425,738	186,890,383	168,718,891
Express	3,017,481	509,880	3,527,361	92,403	41,534	133,937	3,661,298	3,501,806
Freight	7,680,484	2,210,302	9,890,786	987,749	39,464	1,007,213	10,897,999	10,828,562
Excess baggage	1,029,151	218,014	1,247,165	68,792	11,851	80,643	1,327,808	1,847,304
Mail	11,945,786	1,143,537	13,089,323	722,252	56,335	778,587	13,867,910	13,794,133
Total unit toll transportation	199,076,137	12,143,143	211,219,280	4,731,541	694,577	5,426,118	216,645,398	198,690,696
Bulk transportation	2,186,338	4,140,506	6,326,844	14,519,134	6,874,850	21,393,984	27,720,828	27,199,779
Total transportation	201,262,475	16,283,649	217,546,124	19,250,675	7,569,427	26,820,102	244,366,226	225,890,475
Other flying services	22,039	368,744	390,783	3,427,551	1,544,728	4,972,279	5,363,062	5,336,357
Total flying services	201,284,514	16,652,393	217,936,907	22,678,226	9,114,155	31,792,381	249,729,288	231,226,832
Non-flying services	2,451,980	571,806	3,023,786	757,750	1,363,077	2,120,827	5,144,613	4,746,730
Total operating revenues	203,736,494	17,224,199	220,960,693	23,435,976	10,477,232	33,913,208	254,873,901	235,973,562
Operating expenses:								
Flying operations	53,115,177	6,343,779	59,458,956	9,698,514	4,158,852	13,857,366	73,316,322	68,121,782
Maintenance	42,974,440	4,335,523	47,309,963	5,982,861	2,482,947	8,465,808	55,775,771	58,257,948
General services and administration:								
Passenger service	17,113,011	441,496	17,554,507	..	..	..	..	..
Aircraft and traffic servicing	31,546,648	2,341,296	33,887,944	..	..	..	..	..
Promotion and sales	31,434,350	986,273	32,420,623	..	..	..	..	..
General administration	8,810,618	1,244,875	10,055,493	..	..	..	..	..
Totals	88,904,627	5,013,940	93,918,567	4,200,686	1,884,031	6,084,717	100,003,284	89,671,458
Depreciation and amortization	23,092,280	1,778,517	24,870,797	2,172,331	1,307,027	3,479,358	28,350,155	21,663,096
Total operating expenses	208,086,524	17,471,759	225,558,283	22,054,392	9,832,857	31,887,249	257,445,532	237,714,284
Operating income (loss)	Dr. 4,350,030	Dr. 247,560	Dr. 4,597,590	1,381,584	644,375	2,025,959	Dr. 2,571,631	Dr. 1,740,722
Non-operating income — net:								
Capital gains and losses	Dr. 698,637	31,471	Dr. 667,166	111,275	41,933	153,208	Dr. 513,958	706,886
Interest and discounts	1,733,159	164,345	1,897,504	22,347	14,289	36,636	1,934,140	4,347,575
Miscellaneous non-operating income ..	Dr. 240,679	125,663	Dr. 115,016	Dr. 12,246	213,658	201,412	86,396	401,367
Income before interest expense	Dr. 3,556,187	73,919	Dr. 3,482,268	1,502,960	914,255	2,417,215	Dr. 1,065,053	3,715,106
Interest expense	10,511,333	570,301	11,081,634	544,219	164,910	709,129	11,790,763	9,155,066
Income before income taxes	Dr. 14,067,520	Dr. 496,382	Dr. 14,563,902	958,741	749,345	1,708,086	Dr. 12,855,816	Dr. 5,439,960
Provision for income taxes	Cr. 5,229	58,251	53,022	151,609	85,976	237,585	290,607	1,010,926
Net income after income taxes	Dr. 14,062,291	Dr. 554,633	Dr. 14,616,924	807,132	663,369	1,470,501	Dr. 13,146,423	Dr. 6,450,886

¹ Nordair Ltd. included with Group III carriers for purposes of this report.

TABLE 13. Statement of Income, Canadian Scheduled Carriers — All Services, by Company, Year Ended December 31, 1961

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans-Canada Air Lines	Total	Total 1960
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	32,101,793	1,186,781	2,626,159	2,579,381	1,689,089	143,301,442	183,464,645	166,008,907
Express	179,434	—	135,743	354,063	20,074	2,838,047	3,527,361	3,368,640
Freight	2,071,416	1,278,296	665,165	—	266,841	5,609,068	9,890,786	9,823,639
Excess baggage	256,294	18,346	98,976	73,932	26,760	772,857	1,247,165	1,776,395
Mail	1,699,851	256,959	519,291	153,947	213,340	10,245,935	13,089,323	13,089,276
Total unit toll transportation	36,308,788	2,740,382	4,045,334	3,161,323	2,196,104	162,767,349	211,219,280	194,066,857
Bulk transportation	1,451,606	141,772	2,083,683	18,769	1,896,282	734,732	6,326,844	6,765,037
Total transportation	37,760,394	2,882,154	6,129,017	3,180,092	4,092,386	163,502,081	217,546,124	200,831,894
Other flying services	—	—	291,692	—	77,052	22,039	390,783	264,951
Total flying services	37,760,394	2,882,154	6,420,709	3,180,092	4,169,438	163,524,120	217,936,907	201,096,845
Non-flying services	540,392	* 104,768	361,134	73,432	32,472	1,911,588	3,023,786	2,377,833
Total operating revenues	38,300,786	2,986,922	6,781,843	3,253,524	4,201,910	165,435,708	220,960,693	203,474,678
Operating expenses:								
Flying operations	15,146,940	1,029,277	2,592,760	1,145,296	1,576,446	37,968,237	59,458,956	54,990,668
Maintenance	8,158,336	729,803	1,331,689	955,348	1,318,683	34,816,104	47,309,963	49,755,611
General services and administration:								
Passenger service	3,452,776	98,363	162,956	67,406	112,771	13,660,235	17,554,507	15,178,808
Aircraft and traffic servicing	5,789,628	458,772	1,421,961	308,761	151,802	25,757,020	33,887,944	31,413,344
Promotion and sales	6,924,442	79,747	176,023	463,334	267,169	24,509,908	32,420,623	28,701,520
General administration	2,151,954	273,505	450,110	260,766	260,494	6,658,664	10,055,493	9,006,552
Totals	18,318,800	910,387	2,211,050	1,100,267	792,236	70,585,827	93,918,567	84,300,224
Depreciation and amortization	3,170,783	222,426	596,600	667,656	291,835	19,921,497	24,870,797	18,313,150
Total operating expenses	44,794,859	2,891,893	6,732,099	3,868,567	3,979,200	163,291,665	225,558,283	207,359,653
Operating income (loss)	Dr. 6,494,073	95,029	49,744	Dr. 615,043	222,710	2,144,043	Dr. 4,597,590	Dr. 3,884,975
Non-operating income — net:								
Capital gains and losses	Dr. 942,159	40,021	—	Dr. 27,874	19,324	243,522	Dr. 667,166	564,823
Interest and discounts	97,294	159,727	—	—	4,628	1,635,865	1,897,504	4,307,484
Miscellaneous non-operating income ..	Dr. 273,271	2,384	121,362	1,181	736	32,592	Dr. 115,016	397,122
Income before interest expense	Dr. 7,612,209	297,161	171,106	Dr. 641,746	247,398	4,056,022	Dr. 3,482,268	1,384,454
Interest expense	—	41,210	110,118	281,645	137,328	10,511,333	11,081,634	8,602,113
Income before income taxes	Dr. 7,612,209	255,951	60,988	Dr. 923,391	110,070	Dr. 6,455,311	Dr. 14,563,902	Dr. 7,217,659
Provision for income taxes	—	7,251	51,000	—	—	Cr. 5,229	53,022	260,153
Net income after income taxes	Dr. 7,612,209	248,700	9,988	Dr. 923,391	110,070	Dr. 6,450,082	Dr. 14,616,924	Dr. 7,477,812

TABLE 14. Operating Expense Analysis, Canadian Group III Carriers, Year Ended December 31, 1961

Expenses	Functional classification						
	Flying operations	Maintenance			General services and administration	Depreciation and amortization	Grand total
		Direct maintenance flight equipment	Direct maintenance ground property and equipment	Maintenance burden			
	dollars						
Salaries, wages and personnel expenses:							
General management	—	—	5,001	99,786	629,357	—	734,144
Pilots and co-pilots	3,087,433	—	—	—	—	—	3,087,433
Other flight personnel	131,383	—	—	—	42,204	—	173,587
Maintenance labour	—	1,265,166	144,750	215,412	609	—	1,625,937
Aircraft and traffic handling	—	—	—	—	764,278	—	764,278
Trainees, instructors and unallocated shop labour	4,009	—	—	76,643	19,605	—	100,257
Communications	—	—	—	10,600	83,408	—	94,008
Other personnel	—	—	991	302,317	604,215	—	907,523
Personnel expenses	413,527	—	1,953	87,241	235,811	—	738,532
Totals	3,636,352	1,265,166	152,695	791,999	2,379,487	—	8,225,699
Materials and supplies:							
Aircraft fuels and oils	3,020,110	—	—	—	—	—	3,020,110
Maintenance materials and supplies	—	1,308,866	79,123	97,660	—	—	1,485,649
Shop and servicing supplies	—	—	1,612	107,622	1,637	—	110,871
Stationery, printing and office supplies	—	—	—	5,221	94,958	—	100,179
Passenger food expense	—	—	—	—	46,620	—	46,620
Other supplies	224,662	—	3,136	77,945	32,099	—	337,842
Inventory adjustments	—	—	—	31,532	—	—	31,532
Totals	3,244,772	1,308,866	83,871	319,980	175,314	—	5,132,803
Other expenses:							
Communications purchased	—	—	—	17,422	238,001	—	255,423
Light, heat, power and water	—	—	198	72,609	79,117	—	151,924
Traffic commissions	—	—	—	—	72,968	—	72,968
Professional and technical fees and expenses	—	—	—	2,300	146,451	—	148,751
Other services—Associated companies	—	—	253	230	40,541	—	41,024
Total repairs and other services—Outside	—	985,715	43,112	31,465	232,370	—	1,292,662
Rentals	840,062	—	—	39,894	172,347	—	1,052,303
Landing fees—Canadian	136,847	—	—	—	—	—	136,847
Foreign	4,001	—	—	—	—	—	4,001
Insurance—P.L., P.D. and traffic liability	1,576,999	—	2,546	99,491	45,777	—	1,724,813
Employee welfare	106,655	—	—	43,647	112,478	—	262,780
Injuries, loss and damage	95,763	—	—	5,750	2,404	—	103,917
Advertising and publicity	—	—	—	—	156,844	—	156,844
Interrupted trip expense	—	—	—	—	14,411	—	14,411
Uncollectible accounts	—	—	—	—	41,397	—	41,397
Taxes, other than income and payroll	—	—	—	—	71,309	—	71,309
Other expenses	57,063	—	3,720	42,521	219,470	—	322,774
Overhaul provisions—Airframes	—	114,260	—	—	—	—	114,260
Aircraft engines	—	555,151	—	—	—	—	555,151
Totals	2,817,390	1,655,126	49,829	355,329	1,645,885	—	6,523,559
Depreciation and amortization:							
Amortization	—	—	—	—	—	—	—
Depreciation—Flight equipment	—	—	—	—	—	1,813,983	1,813,983
Maintenance equipment and hangars	—	—	—	—	—	165,113	165,113
General ground property	—	—	—	—	—	193,235	193,235
Grand totals	9,698,514	4,229,158	286,395	1,467,308	4,200,686	2,172,331	22,054,392

TABLE 15. Operating Expense Analysis, Canadian Group IV Carriers, Year Ended December 31, 1961

Expenses	Functional classification					Grand total
	Aircraft operating expenses	Maintenance		General services and administration	Depreciation and amortization	
		Flight equipment	Ground property and equipment			
dollars						
Salaries, wages, and personnel expenses:						
General management	42,158	23,961	—	637,895	—	704,014
Flight personnel	1,572,787	—	—	—	—	1,572,787
Maintenance labour	2,124	798,732	49,609	5,603	—	856,068
Aircraft and traffic handling	216	—	—	100,811	—	101,027
Other personnel	Cr. 60	10,068	66,171	214,296	—	290,475
Personnel expenses	132,635	13,089	614	67,847	—	214,185
Totals	1,749,860	845,850	116,394	1,026,452	—	3,738,556
Materials and supplies:						
Aircraft fuel and oils	1,058,816	1,786	—	—	—	1,060,602
Maintenance materials and supplies	15,093	647,046	88,200	596	—	750,935
Other supplies	6,198	11,879	7,174	25,287	—	50,538
Totals	1,080,107	660,711	95,374	25,883	—	1,862,075
Other expenses:						
Repairs and other services—Outside	46,925	419,956	65,221	3,246	—	535,348
Rentals	401,079	23,033	56,082	55,585	—	535,779
Insurance—P.L., P.D. and traffic liability	757,813	24,858	37,367	45,577	—	865,615
Other expenses	95,852	36,962	78,690	719,616	—	931,120
Depreciation—Flight equipment	—	—	—	—	1,114,750	1,114,750
Ground property and equipment	—	—	—	—	185,683	185,683
Totals	1,301,669	504,809	237,360	824,024	1,300,433	4,168,295
Grand totals	4,131,636	2,011,370	449,128	1,876,359	1,300,433	9,768,926

TABLE 16. Operating Expense Analysis, Canadian Scheduled Carriers — All Services, Year Ended December 31, 1961

No.	Expenses	Functional classifications			
		Flying operations	Maintenance		
			Direct maintenance flight equipment	Direct maintenance ground property and equipment	Maintenance burden
		dollars			
	Salaries, wages and personnel expenses:				
1	Management	—	—	—	902,061
2	Pilots and co-pilots	12,062,509	—	—	—
3	Other flight personnel	983,562	—	—	—
4	Maintenance labour	—	8,965,378	717,001	1,757,393
5	Aircraft and traffic handling	—	—	—	2,106
6	Trainees, instructors, unallocated shop labour	608,670	—	—	4,221,354
7	Communications	—	—	—	84,806
8	Other personnel	—	—	—	9,662,721
9	Personnel expenses	1,306,350	—	—	363,699
10	Totals	14,961,091	8,965,378	717,001	16,994,140
	Materials and supplies:				
11	Aircraft fuels and oils	27,562,425	—	—	—
12	Maintenance materials and supplies	—	7,229,676	423,825	822,952
13	Shop and servicing supplies	—	—	—	450,626
14	Stationery, printing and office supplies	—	—	—	229,278
15	Passenger food expense	—	—	—	—
16	Other supplies	234,430	—	—	270,466
17	Inventory adjustments	—	—	—	112,437
18	Totals	27,796,855	7,229,676	423,825	1,885,759
	Other expenses:				
19	Communications purchased	—	—	—	211,533
20	Light, heat, power and water	—	—	—	626,946
21	Traffic commissions	—	—	—	—
22	Professional and technical fees and expenses	—	—	—	8,775
23	Other services — Associated companies	—	—	—	17
24	Total repairs and other services — Outside	—	5,167,634	791,806	621,898
25	Rentals	3,190,489	—	—	207,993
26	Landing fees — Canadian	4,615,634	—	—	—
27	Foreign	1,583,056	—	—	—
28	Insurance — P.L., P.D., and traffic liabilities	4,089,837	—	—	183,709
29	Employee welfare	1,152,335	—	—	1,710,853
30	Injuries, loss and damage	227,516	—	—	48,315
31	Advertising and publicity	—	—	—	—
32	Interrupted trip expense	—	—	—	—
33	Uncollectible accounts	—	—	—	—
34	Taxes, other than income and payroll	—	—	—	—
35	Other expenses	30,198	—	850	224,776
36	Overhaul provisions — Airframes	—	114,323	—	—
37	Aircraft engines	—	637,001	—	—
38	Totals	14,889,065	5,918,958	792,656	3,844,815
	Depreciation and amortization:				
39	Amortization	—	—	—	—
40	Depreciation — Flight equipment	—	—	—	—
41	Maintenance equipment and hangars	—	—	—	—
42	General ground property	—	—	—	—
43	Grand totals	57,647,011	22,114,012	1,933,482	22,724,714

TABLE 16. Operating Expense Analysis, Canadian Scheduled Carriers—All Services, Year Ended December 31, 1961

Functional classifications									No.
Passenger servicing	Aircraft and passenger servicing			Promotions and sales		General administration	Depreciation and amortization	Grand total	
	Aircraft servicing	Traffic servicing	Servicing administration	Reservations and sales	Advertising and publicity				
dollars									
18,540	353,132	5,950	302,404	376,756	16,457	1,027,068	—	3,002,368	1
—	—	—	—	—	—	—	—	12,062,509	2
4,533,309	—	—	—	—	—	—	—	5,516,871	3
—	—	—	—	—	—	—	—	11,439,772	4
—	10,028,625	4,664,019	2,174,143	8,686,109	—	—	—	25,555,002	5
137,574	355,462	9,630	126,037	355,227	—	15,360	—	5,829,314	6
—	321,292	—	718,221	727,446	—	70,152	—	1,921,917	7
440,398	396,925	131,279	1,164,127	3,443,164	514,748	4,808,715	—	20,562,077	8
1,383,816	239,967	114,536	274,620	1,133,067	120,308	263,736	—	5,200,099	9
6,513,637	11,695,403	4,925,414	4,759,552	14,721,769	651,513	6,185,031	—	91,089,929	10
—	—	—	—	—	—	—	—	27,562,425	11
—	—	—	—	—	—	—	—	8,476,453	12
—	335,511	—	—	—	—	—	—	786,137	13
10,513	88,015	112,513	276,562	555,978	45,757	511,604	—	1,830,220	14
6,810,052	—	—	—	541	—	—	—	6,810,593	15
1,574,368	77,497	26,150	348,958	13,399	1,377	12,173	—	2,558,818	16
347	—	—	—	—	—	25	—	112,809	17
8,395,280	501,023	138,663	625,520	569,918	47,134	523,802	—	48,137,455	18
14,548	366,757	252,964	1,064,239	2,398,282	18,391	159,595	—	4,486,309	19
360	21,513	63,102	95,108	101,699	867	43,844	—	953,439	20
—	—	—	—	5,386,169	—	—	—	5,386,169	21
4,743	11,958	698	2,419	16,842	—	207,104	—	252,539	22
2,514	391	1,032,564	15	633,519	3	226,639	—	1,895,662	23
160,452	2,946,739	870,619	771,618	197,472	167,908	84,432	—	11,780,578	24
93,342	324,728	571,018	550,233	1,118,088	20,966	620,551	—	6,697,408	25
—	—	—	—	—	—	—	—	4,615,634	26
—	—	—	—	—	—	—	—	1,583,056	27
951,145	8,184	42,763	8,913	4,117	—	122,005	—	5,410,673	28
311,645	706,080	294,357	280,741	897,316	31,924	353,678	—	5,738,929	29
104,028	36,010	58,205	28,367	2,627	—	17,648	—	522,716	30
—	—	—	—	99,581	5,117,301	—	—	5,216,882	31
867,455	—	2,526	—	—	—	—	—	869,981	32
—	—	—	—	—	—	147,366	—	147,366	33
—	—	—	—	—	—	1,129,004	—	1,129,004	34
135,358	124,677	470,970	233,894	212,429	4,787	234,794	—	1,672,733	35
—	—	—	—	—	—	—	—	114,323	36
—	—	—	—	—	—	—	—	637,001	37
2,645,590	4,547,037	3,659,786	3,035,547	11,068,141	5,362,147	3,346,660	—	59,110,402	38
—	—	—	—	—	—	—	1,722,190	1,722,190	39
—	—	—	—	—	—	—	19,374,507	19,374,507	40
—	—	—	—	—	—	—	2,294,678	2,294,678	41
—	—	—	—	—	—	—	1,479,422	1,479,422	42
17,554,507	16,743,463	8,723,863	8,420,619	26,359,828	6,060,794	10,055,493	24,870,797	223,208,583	43

TABLE 17. Operating Statistics, Canadian Carriers—Specialty Flying Services, Groups I to IV, by Type of Service 1961

	Revenue hours	Revenue earned		Revenue hours	Revenue earned
	No.	\$		No.	\$
Flying training	31,922	506,881	Philanthropic	—	—
Recreational flying	9,589	191,731	Aerial fish cultivation	41	3,493
Aerial photography and survey	5,700	1,359,541	Geophysical survey	5,498	680,909
Aerial photography (excl. survey)	922	51,544	Non-transportation charter	422	87,161
Aerial pest control	4,733	857,413	Other specialty flying	2,352	125,583
Aerial advertising	104	6,178			
Aerial patrol and inspection	14,525	1,281,257	Total specialty flying	75,808	5,151,691

TABLE 18. Statistical Summary of Canadian Carriers Operating Helicopters Only, Groups I to IV, 1961

Operating statistics	1961	Statement of income	1961
Revenue hours flown	48,673	Operating revenue:	
Average number of aircraft	109	Bulk transportation	\$ 5,984,605
Average number of employees:		Other flying services	\$ 255,286
Flying personnel	194	Non-flying services	\$ 252,421
Other personnel	175	Totals	\$ 6,492,312
Totals	369	Operating expenses:	
Salaries and wages paid:		Flying operations	\$ 2,500,362
Flying personnel	\$ 1,561,741	Maintenance	\$ 1,619,631
Other personnel	\$ 1,174,240	General services and administration	\$ 795,603
Totals	\$ 2,735,981	Depreciation and amortization	\$ 1,094,744
		Totals	\$ 6,010,340
		Operating income (loss)	\$ 481,972
		Net income (deficit) after income taxes	\$ 280,586

Balance sheet

	dollars		dollars
Assets:		Liabilities:	
Current assets:		Current liabilities:	
Cash	346,868	Notes and accounts payable	929,053
Accounts receivable	899,383	Current portion of long term debt	299,455
Less: reserve for uncollectible accounts	41,436	Accrued taxes	65,627
Materials and supplies	675,960	Other and accrued liabilities	45,667
Short term prepayments	282,485	Total current liabilities	1,339,802
Other current assets	86,123	Non-current liabilities:	
Total current assets	2,249,383	Long term debt	1,556,532
Investments	6,447	Other non-current liabilities	427,220
Property and equipment:		Total non-current liabilities	1,983,752
Operating	9,151,634	Deferred credits	16,341
Less: accumulated depreciation	4,638,755	Reserves	80,000
Non-operating	7,824	Capital Stock and Surplus:	
Less: accumulated depreciation	1,229	Capital stock issued and outstanding:	
Deferred charges:		Preferred	729,770
Long term prepayments	—	Common	1,046,301
Other deferred charges	195,936	Other paid-in capital	202,782
Total deferred charges	195,936	Unappropriated surplus	1,572,492
Total assets	6,971,240	Total capital stock and surplus	3,551,345
		Total liabilities	6,971,240

TABLE 19. Accidents to Aircraft of Canadian Registry, Apparent Cause by Type of Operation, 1961¹

Type of operation	Apparent cause of accidents												
	Personnel			Material failure					Weather	Landing service	Miscellaneous	Undetermined	Grand total
	Errors of pilots or crew members	Errors of other personnel	Total	Power plant	Air frame	Landing gear	Equipment and accessories	Total					
	number												
Commercial operations:													
Scheduled:													
Domestic	1	—	1	—	—	—	—	—	—	—	—	—	1
International	—	—	—	—	—	1	—	1	—	—	—	—	1
Non-scheduled:													
Domestic	41	4	45	6	—	4	—	10	3	2	—	1	61
International	1	—	1	—	—	1	—	1	—	—	—	—	2
Contract	—	—	—	—	—	—	—	—	—	—	—	—	—
Specialty:													
Flying training	14	—	14	2	—	1	—	3	—	—	—	—	17
Recreational flying	15	—	15	2	—	—	—	2	—	1	—	1	19
Aerial photography and survey	—	—	—	1	—	—	—	1	—	—	—	—	1
Aerial patrol and inspection	1	—	1	—	—	—	—	—	—	—	—	—	1
Aerial pest control	8	1	9	—	—	—	1	1	—	—	—	—	10
Geophysical survey	1	—	1	—	1	—	—	1	—	—	—	—	2
Forest fire protection	2	—	2	—	—	—	—	—	—	—	—	—	2
Other	1	—	1	—	—	—	—	—	—	—	—	—	1
Total commercial operations	85	5	90	11	1	7	1	20	3	3	—	2	118
Non-commercial operations:													
Flying clubs:													
Flying training	19	1	20	—	—	1	—	1	—	—	—	—	21
Recreational flying	9	1	10	—	—	—	—	—	—	—	—	—	10
Private:													
Ferry	—	1	1	—	—	—	—	—	—	—	—	—	1
Company business	19	—	19	4	—	—	—	4	—	—	1	—	24
Test	5	1	6	—	—	—	—	—	—	—	—	—	6
Training-Check	9	—	9	—	—	—	—	—	—	—	—	—	9
Recreational flying	88	9	97	7	—	4	—	11	1	—	2	3	114
Aerial pest control	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	3	—	3	—	—	—	—	—	—	—	—	—	3
Miscellaneous: ²													
Positioning	2	3	5	1	—	—	—	1	—	—	—	—	6
State	6	—	6	—	—	—	—	—	—	—	—	—	6
Missing enroute	—	—	—	—	—	—	—	—	—	—	—	2	2
Total non-commercial operations	160	16	176	12	—	5	—	17	1	—	3	5	202
Grand total all operations	245	21	266	23	1	12	1	37	4	3	3	7	320

¹ As reported by Civil Aviation Branch, Department of Transport. Subject to revision.² Includes accidents occurring during non-revenue flights of commercial aircraft.

TABLE 20. Accidents to Aircraft of Canadian Registry, Casualties by General Type of Operation, 1960-61¹

Accidents and casualties	General type of operations					
	Commercial		Non-commercial ²		Total	
	1961 ³	1960	1961 ³	1960	1961 ³	1960
	number					
Total accidents	118	126	202	205	320	331
Fatal accidents	14	10	23	26	37	36
Casualties:						
Pilot:						
Killed	13	8	20	25	33	33
Seriously injured	6	7	15	16	21	23
Co-pilot:						
Killed	2	—	—	—	2	—
Seriously injured	—	—	—	—	—	—
Flight engineer:						
Killed	2	—	—	1	2	1
Seriously injured	—	—	—	—	—	—
Cabin attendant:						
Killed	—	—	—	—	—	—
Seriously injured	—	—	—	—	—	—
Other crew:						
Killed	1	—	—	—	1	—
Seriously injured	1	—	1	—	2	—
Passengers:						
Killed	16	7	20	14	36	21
Seriously injured	8	5	11	15	19	20
Third party:						
Killed	—	1	—	1	—	2
Seriously injured	1	—	—	—	1	—
Totals:						
Killed	34	16	40	41	74	57
Seriously injured	16	12	27	31	43	43

¹ As reported by Civil Aviation Branch, Department of Transport.² Includes flying clubs, private and miscellaneous flying (positioning, state and ferry) which comprises accidents occurring during non-revenue flights of commercial aircraft.³ Subject to revision.TABLE 21. Personnel and Airport Licenses Issued and Aircraft Registered as of December 31, 1961¹

Personnel	In force December 31, 1961	In force December 31, 1960	Aircraft registered	Total December 31, 1961	Total December 31, 1960
	number			number	
Pilots:			Commercial	1,910	1,818
Glider	503	444	Private	3,612	3,186
Private	14,597	14,701	State	207	204
Commercial	1,996	2,319	Commercial (restricted)	60	45
Senior commercial	381	439	Ultra light	74	53
Airline transport	1,287	1,250	Experimental	7	4
			Private (restricted)	15	8
Totals — Pilots	18,764	19,153	Totals	5,885	5,318
Air navigators	90	96	Airports		
Air traffic controllers	788	763		In force December 31, 1961	In force December 31, 1960
Flight engineers	52	57			
Aircraft maintenance engineers	1,824	1,953	Number of airports	546	483

¹ As reported by Civil Aviation Branch, Department of Transport.

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation	Public transportation of passengers and goods at a toll per unit. It includes: (i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and (ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
Bulk Transportation	(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Specialty Flying Services	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising (Class 7).
Scheduled Carriers	Carriers operating a scheduled (Class 1) service.
Non-Scheduled Carriers	Carriers not operating any scheduled (Class 1) service.
Classification of Canadian Carriers:	
Group I Carriers	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers	All other carriers licensed to perform scheduled (Class 1) service plus one major transport carrier: Nordair Ltd.
Group III Carriers	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Group I and II.
Group IV Carriers	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000 and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.
Passenger	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger and a round trip passenger is counted as two passengers.
Revenue Passenger	A child or adult for which a fare or part of a fare is paid.
Non-Revenue Passenger	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
Air Cargo	Air freight and air express.
Goods	Air cargo plus excess baggage and air mail.
Tons	Short tons of 2,000 lbs.
Miles	Statute miles of 5,280 ft.
Passenger-Mile	The transportation of one passenger over the distance of one mile.
Available Seat-Miles	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station trip.
Passenger Load Factor	Ratio of revenue passenger-miles performed to available seat-miles.
Ton-Mile	The transportation of one ton of load over the distance of one mile.
Available Load	Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.
Available Ton-Miles	Available load capacity multiplied by miles flown on each inter-station trip.
Weight Load Factor	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans-Border Services	Services between Canada and the United States.
Southern Services	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans-Atlantic and Polar Services ..	Services between Canada and Europe
Pacific and Orient Services	Services between Canada and points in the Pacific Ocean or the Orient.
Five Freedoms of the Air:	
First Freedom	The right to fly over the territory of a foreign country without landing.
Second Freedom	The right to land on the territory of a foreign country for non-traffic purposes.
Third Freedom	The right to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
Fourth Freedom	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
Fifth Freedom	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the right to put down in a foreign country, passengers, mail and cargo coming from any such territory.

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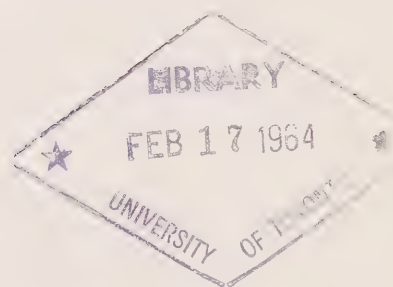


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CHART-A

REVENUE MILES FLOWN BY CANADIAN CARRIERS 1953 - 1962

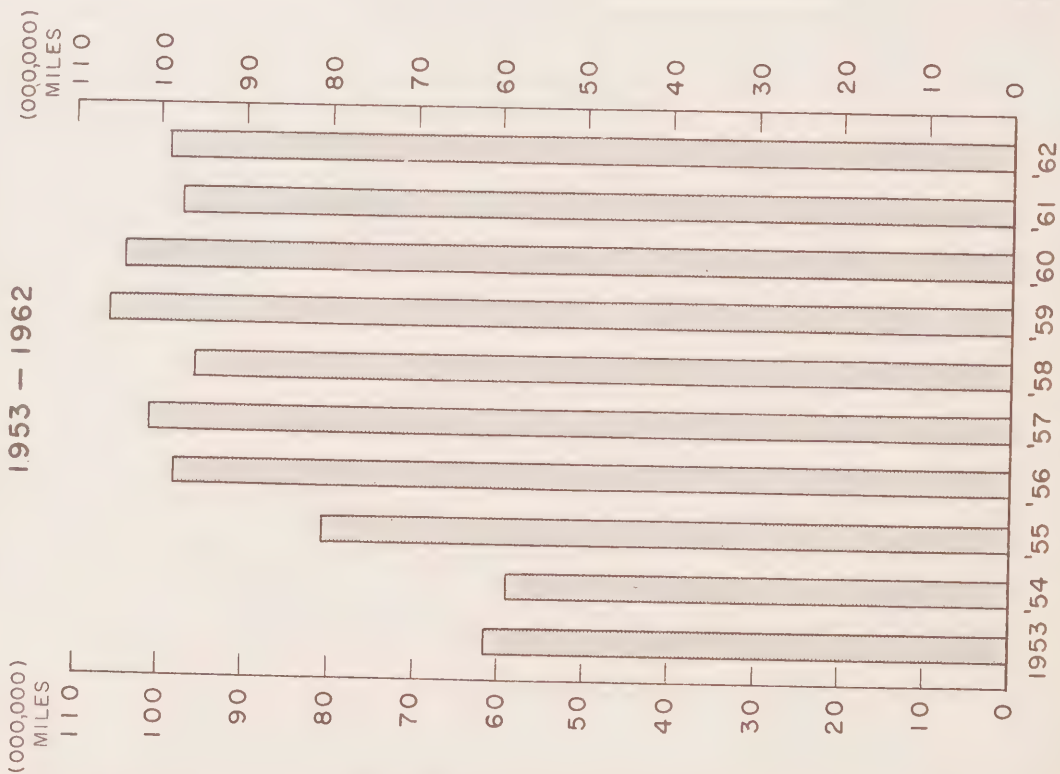
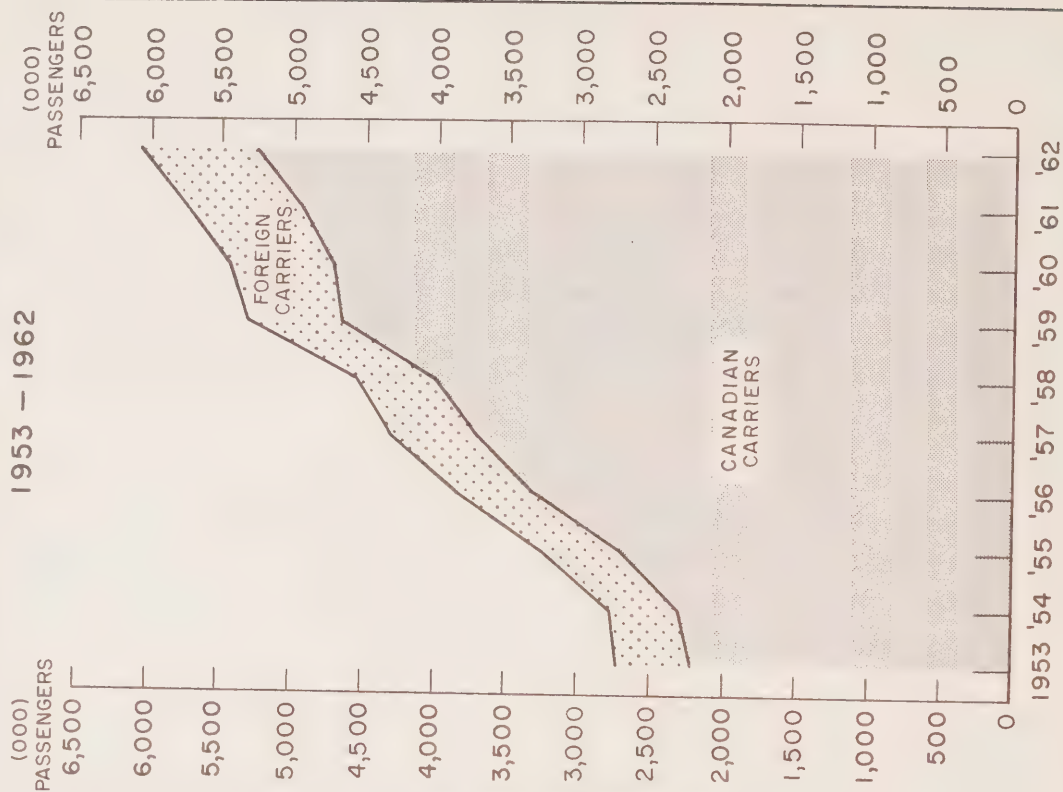


CHART-B

REVENUE PASSENGERS CARRIED BY CANADIAN AND FOREIGN CARRIERS 1953 - 1962



CIVIL AVIATION

1962

Presented in this publication are statistics of Canadian and foreign carriers operating commercial air services within Canada or between Canada and other countries. Statistics of Canadian carriers refer to total operations; i.e., domestic and international, while data for foreign airlines relate to their activities in Canada only; i.e., hours and miles flown over Canadian territory, and passengers and goods entering and leaving Canada, excluding passengers and goods in transit through Canada. Thus, figures presented for Canadian and for foreign carriers are not actually comparable with the exception of traffic data shown in Table 6 by geographic area. For the purposes of this table, Canadian airlines operating international scheduled services are required to file passenger and freight data on the basis used by foreign carriers in order to have a complete picture of the traffic leaving and entering Canada.

In this report, Canadian carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described in the last two pages of this publication along with definitions of other terms used herein. The number of carriers included with each group during 1962 is as follows:

Group I.....	2
Group II.....	6
Group III.....	21
Group IV.....	63
Group V.....	234
Total.....	326

The total number of air carriers may vary from year to year (in 1961, there were 297). This is mainly due to the additions or withdrawals of small operators. The variation in number has very little impact on the statistics presented for the Civil Aviation industry as a whole. However, there could be significant changes from one group to another depending on individual company growth or contraction. This would tend to distort a true comparison of specific groups over a period of years.

In an effort to maintain continuity in the "Civil Aviation" series, a breakdown of the carriers into scheduled and non-scheduled is included in this report. Eastern Provincial Airways Ltd. and Nordair Ltd. are included with Group III for statistical purposes (because they did not operate scheduled routes during 1962) although the scale of their services qualifies these carriers for Group II.

As Group V carriers file reports on a quarterly basis only, data on their operations are not available for monthly publication but are shown in a special table in the monthly report four times a year.

These statistics are not included, however, in industry totals shown in other tables throughout the report. For consistency purposes, this practice has been followed in the preparation of this annual publication. The exclusion of the Group V carriers is not considered significant as the operating revenues of these carriers usually amount to less than 3 per cent of the operating revenues of all Canadian carriers.

Domestic and international operations of Canadian carriers are combined in all tables except number 5, in which all the information available for each type of operation has been assembled.

Whenever feasible, the unit toll services are broken down into scheduled and non-scheduled. However, a complete breakdown is not possible as some carriers offer both services on specific routes. In such cases, the route is assigned to the class of service which predominates.

Statistics on traffic transported into and out of Canada by foreign carriers are presented in Table 6, by geographic area. This distribution has been made possible by the co-operation of the airlines which now provide separate traffic statistics for each area of service.

Financial statistics of Canadian carriers are shown in Tables 8 to 16. These data are presented in accordance with the "Uniform System of Accounts and Reports for Commercial Air Carriers" introduced in 1960.

Table 18 is designed to provide separate data on companies which operate helicopters only. It has been estimated that these companies operate approximately 64 per cent of all helicopters engaged in commercial services in Canada. Helicopters flown by firms which also have fixed wing aircraft are excluded.

Review of 1962 Operations

The number of revenue passengers transported by Canadian air carriers during the year under review increased 6.4 per cent to 5,268,799 in 1962. The volume of revenue goods rose to 236,578,023 lbs. (118,289 tons) an increase of 3.7 per cent. Revenue hours flown showed a slight decline to 626,302 from 631,412 but revenue miles flown were up 1.8 per cent to 99,317,367. Unit toll operations showed a decline in hours flown while there was a slight increase in bulk services. However, freight carried on unit toll services rose 15.1 per cent to 93,064,818 lbs. (46,532 tons) while bulk freight declined 5.8 per cent to 105,082,430 lbs. (52,541 tons).

Revenue passengers carried on unit toll services rose to 4,792,409, an increase of 5.5 per cent; and passengers carried on bulk trips rose to 476,390, an increase of 16.8 per cent.

Despite the drop in revenue miles flown on unit toll services, revenue passenger miles flown increased 9.7 per cent to 3,463,727,291 while the goods ton-miles rose 15.4 per cent to 60,716,992.

The six scheduled carriers transported 5.3 per cent more revenue passengers and 13.1 per cent more revenue goods in 1962 than in the previous year (Table 2). Passengers carried totalled 4,695,464 and goods aggregated 142,192,333 lbs. (71,096 tons) compared with 90,830,190 passengers and 125,744,000 lbs. (62,872 tons) of goods in the previous year.

Foreign airlines licensed to operate in Canada carried into and out of this country during 1962, 795,275 revenue passengers (up 0.8 per cent) and 23,505,980 lbs. (11,753 tons) of revenue goods (up 6.9 per cent from 1961) (Table 2).

Operating revenues and expenses of Canadian carriers reached an all time high in 1962 (Table 1). Revenues increased 11.7 per cent to \$284,618,321 while expenses rose 7.7 per cent to \$277,333,944. As a result, an operating income of \$7,284,377 was reported for the first time in three years. However,

after deductions for income taxes and other charges were made, there was a net deficit of \$4,597,327 compared with a deficit of \$13,146,423 for 1961.

Total assets of Canadian carriers (Table 8) as at December 31st 1962 were valued at \$363,817,740. This is a decrease of \$2.4 million from the previous year.

Companies operating helicopters only (Table 18) reported an operating income of \$369,507, and a net income after provision for income taxes and other charges of \$283,401, in 1962 compared with an operating income of \$481,792 and net income of \$280,586 during 1961. These companies had total assets of \$6,755,299 at the end of 1962 compared to \$6,971,240 the previous year.

For the first time, the number of aircraft owned and leased by Canadian carriers are presented in this report (Table 19) by group of carrier, by category of aircraft and weight group.

Commercial aircraft were involved in 107 accidents of all types in 1962 as against 118 in 1961. The majority of these were attributed to errors of pilots or crew members. The number of fatal accidents was one less than the previous year, but the number of persons killed rose to 50 from 34. Accidents occurring to all aircraft registered in Canada (including aircraft engaged in non-commercial operations) totalled 281 in 1962 compared with 320 a year earlier.

November 5, 1963.

SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.

CHART-D

REVENUE CARGO AND MAIL CARRIED BY CANADIAN CARRIERS 1953 - 1962

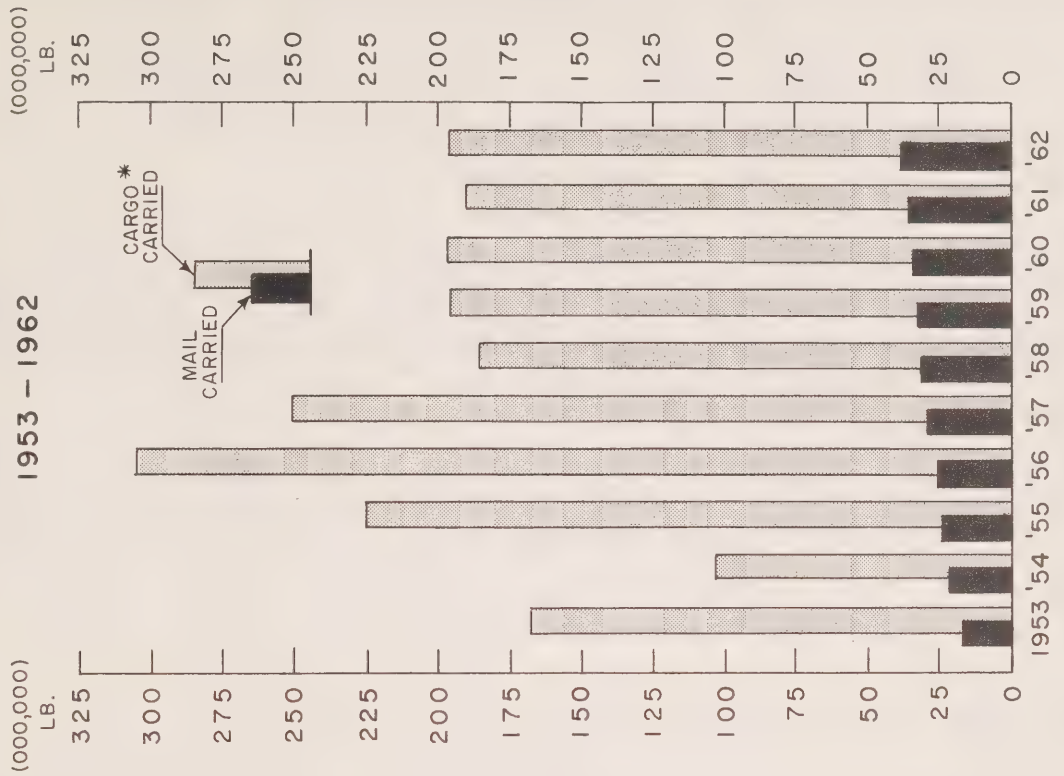


CHART-C

OPERATING REVENUES AND EXPENSES OF CANADIAN CARRIERS 1953 - 1962

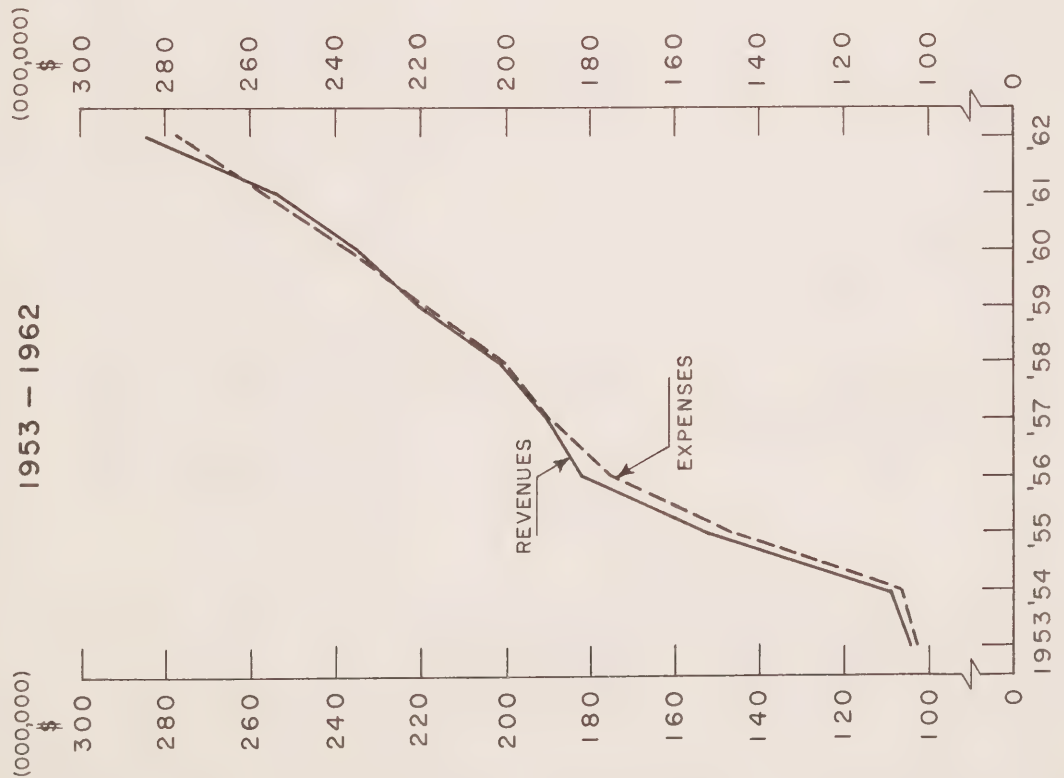


TABLE 1. Statistical Summary of Civil Aviation in Canada, 1957-62

	1962	1961	1960	1959	1958	1957
Canadian Carriers						
Operating statistics:						
Unit toll transportation:						
Revenue:						
Hours flown	No. 312,395	327,555	383,181	350,019	323,972	314,075
Miles flown	" 76,040,318	76,008,312	80,246,283	77,405,581	69,438,086	64,472,262
Passengers carried	" 4,792,409	4,543,009	4,218,431	4,176,501	3,599,365	3,217,266
Cargo and excess baggage carried	lb. 93,064,818	80,823,898	80,152,652	76,464,625	63,761,034	61,692,930
Mail carried	" 38,430,775	35,749,456	34,633,139	32,894,779	31,387,841	29,263,675
Passenger-miles	No. 3,463,727,291	3,157,518,367	2,671,926,081	2,357,386,420	2,036,163,546	1,737,582,244
Cargo and excess baggage ton-miles	" 45,427,320	38,504,034	35,316,334	29,505,264	25,395,836	23,587,208
Mail ton-miles	" 15,289,672	14,094,209	13,706,091	13,115,587	12,225,661	11,447,229
Bulk transportation:						
Revenue:						
Hours flown	" 230,525	228,049	230,670	259,188	233,380	298,941
Miles flown	" 23,277,049	21,569,202	23,938,740	28,701,522	26,372,480	36,743,407
Passengers carried	" 476,390	407,888	508,984	504,763	423,572	509,337
Freight carried	lb. 105,082,430	111,504,022	123,200,348	126,523,737	128,006,002	194,456,192
Other flying services:						
Revenue hours flown	No. 83,382	75,808	81,059	155,022	135,587	113,271
Total—All services:						
Traffic, hours and miles: ¹						
Revenue:						
Hours flown	" 626,302	631,412	694,910	764,229	692,939	726,287
Miles flown	" 99,317,367	97,577,514	104,185,023	106,107,103	95,810,566	101,215,669
Passengers carried	" 5,268,799	4,950,897	4,727,415	4,681,264	4,022,937	3,726,603
Cargo and excess baggage carried	lb. 196,776,738	192,327,920	203,353,000	202,988,362	191,767,036	256,149,122
Goods carried ²	" 236,578,023	228,077,376	237,986,139	235,883,141	223,154,877	285,412,797
Non-revenue:						
Hours flown	No. 25,882	28,863	24,251	31,624	35,427	40,641
Passengers carried	" ..	" ..	" ..	21,238	13,692	25,811
Goods carried ²	lb. ..	" ..	" ..	8,463,610	5,913,962	6,342,973
Passenger-miles	No. 176,277,219	148,517,121	127,072,658	100,192,596	84,572,322	69,097,794
Goods ton-miles	" 6,449,798	5,965,235	5,244,953	4,287,822	3,296,840	2,844,976
Fuel and oil consumed:						
Fuel	gal. 191,343,196	175,201,010	139,425,893	122,055,240	106,118,520	94,581,917
Cost	\$ 31,993,476	31,029,209	29,910,391	28,968,279	27,853,593	29,351,637
Oil	gal. 310,015	475,994	812,232	889,423	897,280	1,000,998
Cost	\$ 765,871	776,583	907,179	1,088,653	1,051,931	1,033,493
Average number of employees	17,810	17,700	17,106	16,565	15,990	16,014
Salaries and wages paid	\$ 105,636,970	102,200,745	95,650,809	86,148,440	80,235,145	75,313,556
Revenues and expenses:						
Operating revenues	\$ 284,618,321	254,873,901	235,973,562	220,423,558	201,713,936	190,043,065
Operating expenses	\$ 277,333,944	257,445,532	237,714,284	219,487,993	200,278,225	189,413,789
Operating income (loss)	\$ 7,284,377	Dr. 2,571,631	Dr. 1,740,722	935,565	1,435,711	629,276
Net income or deficit after income taxes	\$ Dr. 4,597,327	Dr. 13,146,423	Dr. 6,450,886	Dr. 2,484,178	Dr. 1,806,744	Dr. 552,897
Canadian and Foreign Carriers ³						
Operating statistics:						
Revenue:						
Hours flown (all services)	No. 642,284	649,107	712,371	798,527	709,337	742,056
Miles flown (transportation services)	" 31,993,230	103,335,386	109,699,725	110,889,252	99,858,279	104,699,140
Passengers carried (transportation services)	" 5,740,577	5,740,577	5,451,716	5,316,001	4,555,251	4,319,920
Cargo and excess baggage carried (transportation services)	lb. 41,596,384	211,044,506	217,220,865	214,391,889	200,388,312	264,812,177
Mail carried (transportation services)	" 39,024,564	39,024,564	37,472,154	35,558,226	33,628,013	31,413,504
Passenger-miles (unit toll transportation)	No. 3,666,655,321	3,352,704,994	2,847,022,735	2,495,682,456	2,142,276,186	1,835,183,870
Cargo and excess baggage (unit toll transportation) ton-miles	" 50,045,948	42,476,457	39,044,787	31,296,521	26,447,626	24,456,122
Mail ton-miles (unit toll transportation)	" 15,995,107	14,856,343	14,321,366	13,702,638	13,037,645	12,055,649

¹ Except for hours flown, data relate to transportation services only.² Cargo, excess baggage and mail.³ See Introduction, page 5.

TABLE 2. Operating Statistics, Canadian and Foreign Carriers — All Services, 1962

	Canadian carriers					Foreign carriers ¹		Grand total all carriers
	Scheduled carriers	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers ³	
	Groups I and II ²	Group III ²	Group IV	Total				
Number of carriers reporting	6	22	61	83	89	9	9	107
Transportation services:								
Unit toll:								
Revenue departures	No. 208,534	33,475	8,891	42,366	250,900			
Revenue hours flown	" 272,217	34,054	6,124	40,178	312,395	4,691	10,616	327,702
Revenue miles scheduled	" 65,811,182	...	...	...	65,811,182	1,176,779	4,152,770	71,140,731
Revenue miles flown:								
Scheduled services	" 66,944,509 ⁴	...	...	...	66,944,509 ⁴	1,150,891	4,185,081	72,280,481 ⁴
Non-scheduled services	" 3,927,581 ⁴	4,390,074	778,154	5,168,228	9,095,809 ⁴	—	—	9,095,809 ⁴
Totals	" 70,872,090	4,390,074	778,154	5,168,228	76,040,318	1,150,891	4,185,081	81,376,290
Revenue passengers carried ..	" 4,603,139	153,833	35,437	189,270	4,792,409	555,144	222,431	5,569,984
Revenue goods carried:								
Cargo	lb. 82,497,187	7,715,034	1,482,087	9,197,121	91,694,308	8,451,158	11,807,732	113,323,708
Excess baggage	" 985,261	207,658	177,591	385,249	1,370,510			
Mail	" 36,539,380	1,655,090	236,305	1,891,395	38,430,775	1,597,331	1,568,278	41,596,384
Totals	" 120,021,828	9,577,782	1,895,983	11,473,765	131,495,593	10,048,489	13,376,010	154,920,092
Revenue passenger-miles	No. 3,425,681,894	35,138,326	2,907,071	38,045,397	3,463,727,291	26,437,013	176,491,017	3,666,655,321
Revenue goods ton-miles:								
Cargo	" 41,115,227	1,978,137	340,472	2,318,609	43,433,836	229,948	4,388,680	50,045,948
Excess baggage	" 1,904,050	80,602	8,832	89,434	1,993,484			
Mail	" 14,914,000	361,102	14,570	375,672	15,289,672	32,598	672,837	15,995,107
Totals	" 57,933,277	2,419,841	363,874	2,783,715	60,716,992	262,546	5,061,517	66,041,055
Bulk:								
Revenue:								
Departures	" 24,269	84,413	111,912	196,325	220,594	..	..	..
Hours flown	" 30,900	110,628	88,997	199,625	230,525	4	671	231,200
Miles flown	" 5,131,695	8,965,427	9,179,927	18,145,354	23,277,049	579	197,175	23,474,803
Passengers carried	" 92,325	180,621	203,444	384,065	476,390	280	17,420	494,090
Freight carried	lb. 22,170,505	56,727,187	26,184,738	82,911,925	105,082,430	—	81,481	105,163,911
Non-transportation services:								
Specialty flying:								
Revenue hours flown	No. 116	22,752	60,514	83,266	83,382	—	—	83,382
Total—All services:								
Traffic, hours and miles: ⁵								
Revenue:								
Departures	No. 232,803	117,888	120,803	238,691	471,494	..	..	..
Hours flown	" 303,233	167,434	155,635	323,069	626,302	4,695	11,287	642,284
Miles flown	" 76,003,785	13,355,501	9,958,081	23,313,582	99,317,367	1,151,470	4,382,256	104,851,093
Passengers carried	" 4,695,464	334,454	238,881	573,335	5,268,799	555,424	239,851	6,064,074
Cargo carried	lb. 104,667,692	64,442,221	27,666,825	92,109,046	196,776,738	8,451,158 ⁶	11,889,213 ⁶	218,487,619 ⁶
Goods carried	" 142,192,333	66,304,969	28,080,721	94,385,690	236,578,023	10,048,489	13,457,491	260,084,003
Non-revenue:								
Hours flown	No. 7,889	12,166	5,827	17,993	25,882	46	44	25,972
Passengers carried	" ..	3,729	258	3,987	..	8,436	9,903	..
Goods carried	lb. ..	1,007,049	—	1,007,049	..	172,730	978,357	..
Passenger-miles	No. 174,092,015	2,166,696	18,508	2,185,204	176,277,219	578,718	7,286,502	184,142,439
Goods ton miles	" 5,929,445	520,353	—	520,353	6,449,798	16,549	308,621	6,774,968
Fuel consumed:								
Turbo fuel:								
Quantity	gal. 170,564,025	516,518	—	516,518	171,080,543	4,346,419	27,913,484	203,340,446
Cost	\$ 24,516,830	112,654	—	112,654	24,629,484	656,900	4,338,488	29,624,872
Gasoline:								
Quantity	gal. 10,106,475	7,164,758	2,991,420	10,156,178	20,262,653	630,384	2,655,211	23,548,248
Cost	\$ 3,458,932	2,781,565	1,123,495	3,905,060	7,363,992	157,076	614,381	8,135,449
Oil consumed:								
Turbo aircraft:								
Quantity	gal. 51,147	1,085	—	1,085	52,232	219	1,308	53,759
Cost	\$ 438,140	2,876	—	2,876	441,016	1,294	10,047	452,357
Other aircraft:								
Quantity	gal. 126,238	86,543	45,002	131,545	257,783	4,637	26,831	289,251
Cost	\$ 129,250	134,659	60,946	195,605	324,855	4,483	19,448	348,786
Average number of employees:								
Flying personnel	No. 2,177	477	270	747	2,924	..	..	..
Other personnel	" 13,498	878	510	1,388	14,886	..	..	..
Totals	" 15,675	1,355	780	2,135	17,810	240	766	18,816
Salaries and wages paid:								
Flying personnel	\$ 19,477,505	3,807,031	1,722,711	5,529,742	25,007,247	..	..	..
Other personnel	\$ 73,613,623	4,628,717	2,387,383	7,016,100	80,629,723	..	..	..
Totals	\$ 93,091,128	8,435,748	4,110,094	12,545,842	105,636,970	1,378,045	3,904,367	110,919,382

¹ See Introduction, page 5.² Eastern Provincial Airlines Ltd. and Nordair Ltd. included with Group III carriers for purposes of this report.³ Includes fifth freedom traffic between United States and Canada.⁴ Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.⁵ Except for hours flown these data relate to transportation services only.⁶ Includes excess baggage.

TABLE 3. Operating Statistics, Canadian Scheduled Carriers — All Services, by Company, 1962

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air lines	Trans-Canada Air lines	Total	Maritime Central Airways	Pacific Western Airlines ¹	Quebecair Inc. ¹	Transair Ltd. ¹	Total ¹	
Transportation services:									
Unit toll:									
Revenue departures..... No.	21,892	141,371	163,263	8,719	13,620	13,177	9,755	45,271	208,5
Revenue hours flown..... "	41,012	185,470	226,482	8,895	14,813	10,430	11,597	45,735	272,2
Revenue miles scheduled.. "	12,558,473	49,559,504	62,117,977	326,954	1,968,866	977,425	419,960	3,693,205	65,811,1
Revenue miles flown:									
Scheduled services:									
Regular	12,389,981	48,725,118	61,115,099	299,449	1,825,538	957,164	407,873	3,490,024	64,605,1
Extra sections	122,985	2,000,171	2,123,156	25,891	143,266	30,827	16,246	216,230	2,339,3
Non-scheduled services.. "	632,403	—	632,403	1,102,109	162,216	860,289	1,170,564	3,295,178	3,927,5
Totals	13,145,369	50,725,289	63,870,658	1,427,449	2,131,020	1,848,280	1,594,683	7,001,432	70,872,0
Ratio of regular miles flown to miles scheduled	98.7	98.3	...	91.6	92.7	97.9	97.1	...	.
Revenue passengers carried (Scheduled and non-scheduled) ² No.	432,575	3,837,491	4,270,066	56,555	121,112	102,462	52,944	333,073	4,603,1
Revenue goods carried (Scheduled and non-scheduled): ²									
Express..... lb.	876,457	9,547,255	10,423,712	—	299,863	2,153,927	150,652	2,604,442	13,028,1
Freight	5,584,641	46,846,287	52,430,928	10,024,207	5,017,167	—	1,996,731	17,038,105	69,469,0
Excess baggage..... "	..	..	..	130,502	287,656	449,312	117,791	985,261	985,261
Mail	2,076,653	29,162,213	31,238,866	1,476,027	1,727,761	1,325,996	770,730	5,300,514	36,539,3
Totals	8,537,751	85,555,755	94,093,506	11,630,736	7,332,447	3,929,235	3,035,904	25,928,322	120,021,8
Revenue passenger-miles:									
Scheduled services..... No.	682,880,290	2,629,285,479	3,312,165,769	4,068,893	32,350,594	19,785,368	4,910,123	61,114,978	3,373,280,7
Non-scheduled services.. "	14,105,789	—	14,105,789	7,568,377	477,341	14,042,750	16,206,890	38,295,358	52,401,14
Totals	696,986,079	2,629,285,479	3,326,271,558	11,637,270	32,827,935	33,828,118	21,117,013	99,410,336	3,425,681,8
Available seat-miles on scheduled services..... "	1,385,735,833	4,379,236,377	5,764,972,210	9,777,244	74,729,274	34,207,000	10,114,224	128,827,742	5,893,799,9
Passenger load factor on scheduled services	49.3	60.0	...	41.6	43.3	57.8	48.5	...	..
Revenue goods ton-miles:									
Express:									
Scheduled services..... No.	231,607	3,516,399	3,748,006	—	85,767	187,823	10,116	283,706	4,031,71
Non-scheduled services ..	10,027	—	10,027	—	—	129,133	30,216	159,349	169,37
Totals	241,634	3,516,399	3,758,033	—	85,767	316,956	40,332	443,055	4,201,08
Freight:									
Scheduled services..... "	6,477,265	26,307,255	32,784,520	39,348	1,332,611	—	14,403	1,386,362	34,170,88
Non-scheduled services ..	21,699	—	21,699	2,397,029	15,664	—	308,865	2,721,558	2,743,25
Totals	6,498,964	26,307,255	32,806,219	2,436,377	1,348,275	—	323,268	4,107,920	36,914,13
Excess baggage:									
Scheduled services..... "	348,385	1,377,593	1,725,978	3,323	50,999	42,485	5,745	102,552	1,828,53
Non-scheduled services ..	1,156	—	1,156	12,090	572	43,893	17,809	74,364	75,52
Totals	349,541	1,377,593	1,727,134	15,413	51,571	86,378	23,554	176,916	1,904,05
Mail:									
Scheduled services..... "	1,370,050	12,595,399	13,965,449	50,311	489,921	10,067	21,353	571,652	14,537,10
Non-scheduled services ..	49,219	—	49,219	107,974	2,443	126,755	90,508	327,680	376,89
Totals	1,419,269	12,595,399	14,014,668	158,285	492,364	136,822	111,861	899,332	14,914,00
Total:									
Scheduled services..... "	8,427,307	43,796,646	52,223,953	92,982	1,959,298	240,375	51,617	2,344,272	54,568,22
Non-scheduled services ..	82,101	—	82,101	2,517,093	18,679	299,781	447,398	3,282,951	3,365,05
Totals	8,509,408	43,796,646	52,306,054	2,610,075	1,977,977	540,156	499,015	5,627,223	57,933,27
Available ton-miles on scheduled services..... "	180,068,354	588,698,756	768,767,110	1,102,293	9,785,000	3,399,784	1,004,480	15,291,557	784,058,66
Weightload factor on scheduled services ³	42.6	52.1	...	45.3	53.1	65.3	54.0	...	...

See footnotes at end of table.

TABLE 3. Operating Statistics, Canadian Scheduled Carriers — All Services, by Company, 1962 — Concluded

	Group I carriers			Group II carriers					Grand total	
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines ¹	Quebecair Inc. ¹	Transair Ltd. ¹	Total ¹		
Transportation services — Concluded:										
Bulk:										
Revenue:										
Departures	No.	853	492	1,345	657	16,944	41	5,282	22,924	24,269
Hours flown	"	4,511	1,116	5,627	835	14,689	55	9,694	25,273	30,900
Miles flown	"	1,433,971	360,758	1,794,729	127,472	1,601,699	8,643	1,599,152	3,336,966	5,131,695
Passengers carried	"	29,186	18,550	47,736	5,461	25,827	315	12,986	44,589	92,325
Freight carried	lb.	112,959	24,120	137,079	1,922,722	9,530,608	10,872	10,569,224	22,033,426	22,170,505
Non-transportation services:										
Specialty flying:										
Revenue hours flown	No.	—	116	116	—	—	—	—	—	116
Total — All services:										
Traffic hours and miles: ⁴										
Revenue:										
Departures	No.	22,745	141,863	164,608	9,376	30,564	13,218	15,037	68,195	232,803
Hours flown	"	45,523	186,702	232,225	9,730	29,502	10,485	21,291	71,008	303,233
Miles flown	"	14,579,340	51,086,047	65,665,387	1,554,921	3,732,719	1,856,923	3,193,835	10,338,398	76,003,785
Passengers carried	"	461,761	3,856,041	4,317,802	62,016	146,939	102,777	65,930	377,662	4,695,464
Cargo carried	lb.	6,574,057	56,417,662	62,991,719	11,946,929	14,847,638	2,164,799	12,716,607	41,675,973	104,667,692
Goods carried	"	8,650,710	85,579,875	94,230,585	13,553,458	16,863,055	3,940,107	13,605,128	47,961,748	142,192,333
Non-revenue:										
Hours flown	No.	1,614	3,813	5,427	316	1,230	313	603	2,462	7,889
Passengers carried	"	13,715	..	..	2,110	2,384	1,817	1,334	7,645	..
Goods carried	lb.	1,492,401	..	..	467,784	492,826	—	196,792	1,157,402	..
Passenger-miles	No.	27,512,948	143,944,200	171,457,148	415,428	894,350	555,775	769,314	2,634,867	174,092,015
Goods ton-miles	"	1,987,625	3,659,016	5,646,641	54,422	181,514	—	46,868	282,804	5,929,445
Fuel consumed:										
Turbo fuel:										
Quantity	gal.	36,290,325	132,615,135	168,905,460	140,591	—	1,517,974	—	1,658,565	170,564,025
Cost	\$	6,138,196	18,013,821	24,152,017	26,932	—	337,881	—	364,813	24,516,830
Gasoline:										
Quantity	gal.	3,426,142	412,312	3,838,454	1,249,361	2,236,475	332,372	2,449,813	6,268,021	10,106,475
Cost	\$	988,374	122,230	1,110,604	406,146	907,870	106,352	927,960	2,348,328	3,458,932
Oil consumed:										
Turbo aircraft:										
Quantity	gal.	6,210	38,178	44,388	—	—	6,759	—	6,759	51,147
Cost	\$	55,406	375,738	431,144	—	—	6,996	—	6,996	438,140
Other aircraft:										
Quantity	gal.	39,784	5,969	45,753	14,050	25,767	5,711	34,957	80,485	126,238
Cost	\$	38,260	5,382	43,642	14,573	31,403	4,675	34,957	85,608	129,250
Average number of employees:										
Flying personnel	No.	408	1,544	1,952	32	88	40	65	225	2,177
Other personnel	"	2,129	10,373	12,502	151	356	243	246	996	13,498
Totals	"	2,537	11,917	14,454	183	444	283	311	1,221	15,675
Salaries and wages paid:										
Flying personnel	\$	4,076,419	13,514,933	17,591,352	269,038	846,577	289,539	480,999	1,886,153	19,477,505
Other personnel	\$	11,038,843	57,721,439	68,760,282	654,731	1,940,594	1,109,953	1,148,063	4,853,341	73,613,623
Totals	\$	15,115,262	71,236,372	86,351,634	923,769	2,787,171	1,399,492	1,629,062	6,739,494	93,091,128

¹ Routes included in scheduled or non-scheduled services according to predominant class of service.² Breakdown not available.³ Standard passenger weight used: 200 pounds.⁴ Except for hours flown, these data relate to transportation services only.

TABLE 4. Interline Traffic,¹ Canadian Scheduled Carriers—All Services, by Company, 1962

		Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:								
Originated	No.	358,793	51,315	116,461	102,462	46,814	3,254,759	3,930,604
Domestic interline	"	35,007	5,240	—	—	—	582,732	656,149
Foreign interline	"	33,170	—	—	—	—	—	—
Totals ²	"	426,970	56,555	116,461	102,462	46,814	3,837,491	4,586,753
Revenue express carried:								
Originated	lb.	876,457	—	299,863	2,153,927	150,652	9,547,355	13,028,254
Domestic interline	"	—	—	—	—	—	—	—
Foreign interline	"	—	—	—	—	—	—	—
Totals ²	"	876,457	—	299,863	2,153,927	150,652	9,547,355	13,028,254
Revenue freight carried:								
Originated	"	4,357,248	8,198,386	4,722,413	—	666,083	46,846,287	64,790,417
Domestic interline	"	171,877	—	—	—	—	—	171,877
Foreign interline	"	586,195	—	—	—	—	—	586,195
Totals ²	"	5,115,320	8,198,386	4,722,413	—	666,083	46,846,287	65,548,489
Revenue excess baggage carried:								
Originated	"	..	130,502	280,496	449,312	101,999	..	962,309
Domestic interline	"	..	—	—	—	—	..	—
Foreign interline	"	..	—	—	—	—	..	—
Totals ²	"	..	130,502	280,496	449,312	101,999	..	962,309 ³
Revenue mail carried:								
Originated	"	2,076,653	1,476,027	1,674,675	1,325,996	239,389	29,162,213	35,954,953
Domestic interline	"	—	—	—	—	—	—	—
Foreign interline	"	—	—	—	—	—	—	—
Totals ²	"	2,076,653	1,476,027	1,674,675	1,325,996	239,389	29,162,213	35,954,953

¹ Includes only scheduled and non-scheduled services designated as mainline by Air Transport Board.² Excludes division interline.³ Excludes Group I Carriers.

TABLE 5. Operating Statistics, Canadian Group I Carriers—Unit Toll Services, by Area of Service, 1962

		Trans- border services	Trans- Atlantic and Polar services	Southern services	Pacific and Orient services	Total International services	Domestic services	Grand total
Revenue departures								
Originated	No.	24,670	5,296	4,106	1,003	35,075	137,943	173,018
Revenue hours flown	"	35,977	20,857	12,044	6,518	75,396	162,683	238,079
Revenue miles scheduled	"	7,581,676	9,309,919	4,468,948	2,765,085	24,125,628	38,412,309	62,537,937
Revenue miles flown:								
Scheduled services:								
Regular	"	7,382,300	9,218,554	4,415,531	2,706,422	23,722,807	37,800,165	61,522,972
Extra sections	"	500,907	201,100	217,422	21,340	940,769	1,198,633	2,139,402
Non-scheduled services	"	—	—	—	—	—	1,802,967	1,802,967
Totals	"	7,883,207	9,419,654	4,632,953	2,727,762	24,663,576	40,801,765	65,465,341
Ratio of regular miles flown to miles scheduled								
		97.4	99.0	98.8	97.9	98.3	98.4	98.4
Revenue passengers carried								
Originated	No.	..	..	..	..	1,385,921 ¹	2,937,089 ¹	4,323,010 ¹
Revenue freight carried	lb.	..	..	..	..	26,125,963 ¹	38,876,060 ¹	65,002,023 ¹
Revenue mail carried	"	..	..	..	..	4,119,924 ¹	27,889,672 ¹	32,009,596 ¹
Revenue passenger-miles	No.	351,084,330	595,182,204	283,117,399	140,328,139	1,369,712,072	1,977,676,499	3,347,388,571
Available seat-miles on scheduled services	"	537,460,413	1,207,057,928	545,904,371	324,296,224	2,614,718,936	3,160,367,498	5,775,086,434
Passenger load factor on scheduled services		65.3	49.3	51.9	43.3	52.4	62.6	58.0
Revenue goods ton-miles:								
Express	No.	611,257	—	—	—	611,257	3,187,108	3,798,365
Freight	"	2,759,695	7,151,040	1,959,073	2,654,768	14,524,576	18,604,911	33,129,487
Excess baggage	"	164,797	259,871	241,039	74,404	740,111	1,010,577	1,750,688
Mail	"	431,092	2,091,722	416,626	545,237	3,484,677	10,641,852	14,126,529
Totals	"	3,966,841	9,502,633	2,616,738	3,274,409	19,360,621	33,444,448	52,805,069
Available ton-miles on scheduled services	"	67,052,811	165,515,695	73,325,889	42,374,608	348,269,003	421,502,587	769,771,590
Weight load factor on scheduled services ²		58.3	41.7	42.2	40.8	44.9	54.0	49.9

¹ Includes division interline traffic.² Standard passenger weight used: 200 pounds.

TABLE 6. Transportation Statistics, Foreign Carriers, by Area of Service, 1962

	United States			Europe			All others			Totals		
	To	From	Total	To	From	Total	To	From	Total	To	From	To
Revenue passengers carried:												
Unit toll transportation No.	293, 127	279, 541	572, 668	89, 011	102, 504	191, 515	6, 535	6, 757	13, 292	388, 673	388, 802	777, 475
Bulk transportation	152	128	280	8, 857	8, 563	17, 420	—	—	—	9, 009	8, 691	17, 700
Totals	293, 279	279, 669	572, 948	97, 868	111, 067	208, 935	6, 535	6, 757	13, 292	397, 682	397, 493	795, 175
Revenue freight, express and excess baggage carried:												
Unit toll transportation lb.	1, 331, 520	7, 235, 124	8, 566, 644	2, 839, 446	8, 545, 916	11, 385, 362	254, 795	52, 089	306, 884	4, 425, 761	15, 833, 129	20, 258, 890
Bulk transportation	—	—	—	47, 601	33, 880	81, 481	—	—	—	47, 601	33, 880	81, 481
Totals	1, 331, 520	7, 235, 124	8, 566, 644	2, 887, 047	8, 579, 796	11, 466, 843	254, 795	52, 089	306, 884	4, 473, 362	15, 867, 009	20, 340, 371
Mail carried (unit toll transportation)	487, 693	1, 145, 992	1, 633, 685	385, 229	1, 156, 837	1, 542, 066	15, 815	10, 043	25, 858	888, 737	2, 312, 872	3, 201, 609

TABLE 7. Statistical Summary of Group V Carriers, 1962

Operating Statistics	1962	Statement of Income	1962
			\$
Number of reporting carriers	234	Operating revenues:	
Bulk transportation:		Bulk transportation	3, 806, 755
Revenue hours flown No.	75, 799	Specialty flying services	2, 705, 648
Revenue passengers carried	156, 504	Total flying services	6, 512, 403
Revenue goods carried lb.	10, 227, 452	Non-flying services	1, 544, 180
Specialty flying services:		Total operating revenues	8, 056, 583
Revenue hours flown:		Operating expenses:	
Flying training No.	62, 380	Flying operations	3, 949, 490
Recreational flying	14, 754	Maintenance	1, 400, 285
Aerial photography and survey	613	General services and administration	1, 875, 962
Aerial photography (excl. survey)	536	Depreciation	1, 132, 690
Aerial pest control	5, 898	Total operating expenses	8, 358, 427
Aerial advertising	190	Operating income (loss)	Dr. 301, 844
Aerial patrol and inspection	4, 290	Non-operating income—net	Dr. 129, 012
Philanthropic	—	Income before income taxes	Dr. 430, 856
Aerial fish cultivation	—	Provision for income taxes	87, 058
Geophysical survey	351	Net income after income taxes	Dr. 517, 914
Non-transportation charter	36		
Other specialty flying	13, 697		
Total specialty flying services	102, 745		
Total—All services:			
Revenue hours flown	178, 544		
Non-revenue hours flown	11, 870		

TABLE 8. Balance Sheet, Canadian Carriers, by Revenue Group, Year Ended December 31, 1962

	Scheduled carriers			Non-scheduled carriers			Grand total
	Group I	Group II	Total	Group III	Group IV	Total	
	dollars						
Assets:							
Current assets:							
Cash and special deposits	9,611,324	175,146	9,786,470	542,699	591,438	1,134,137	10,920,607
Notes and accounts receivable	25,897,959	2,218,755	28,116,714	4,528,321	2,017,095	6,545,416	34,662,130
Less: reserve for uncollectible accounts	335,000	58,247	393,247	273,399	137,990	411,389	804,636
Materials and supplies	26,575,254	883,356	27,458,610	2,229,772	1,490,243	3,720,015	31,178,625
Short term prepayments	1,012,831	364,769	1,377,600	613,500	228,222	841,722	2,219,322
Other current assets	380	—	380	201,437	359,907	561,344	561,724
Total current assets	62,762,748	3,583,779	66,346,527	7,842,330	4,548,915	12,391,245	78,737,772
Investments and special funds	10,173,588	2,252,411	12,425,999	2,524,310	403,513	2,927,823	15,353,822
Property and equipment:							
Operating	311,073,998	20,431,374	331,505,372	28,331,915	14,458,455	42,790,370	374,295,742
Less: accumulated depreciation	80,190,817	8,873,272	89,064,089	13,838,888	8,718,135	22,557,023	111,621,112
Non-operating	4,765,694	17,591	4,783,285	358,525	629,686	988,211	5,771,496
Less: accumulated depreciation	4,560,549	15,193	4,575,742	71,650	127,453	199,103	4,774,845
Total property and equipment	231,088,326	11,560,500	242,648,826	14,779,902	6,242,553	21,022,455	263,671,281
Deferred charges:							
Long term prepayments	22,522	—	22,522	—	52,990	52,990	75,512
Other deferred charges	4,054,794	1,296,644	5,351,438	292,465	335,450	627,915	5,979,353
Total deferred charges	4,077,316	1,296,644	5,373,960	292,465	388,440	680,905	6,054,865
Total assets	308,101,978	18,693,334	326,795,312	25,439,007	11,583,421	37,022,428	363,817,740
Liabilities:							
Current liabilities:							
Notes and accounts payable	18,620,986	2,719,459	21,340,445	6,049,097	2,896,417	8,945,514	30,285,959
Current portion of long term debt	—	860,728	860,728	541,952	626,163	1,168,115	2,028,843
Accrued taxes	321,600	11,211	332,811	77,226	64,002	141,228	474,039
Other current and accrued liabilities	15,137,715	340,370	15,478,085	496,118	738,818	1,234,936	16,713,021
Total current liabilities	34,080,301	3,931,768	38,012,069	7,164,393	4,325,400	11,489,793	49,501,862
Non-current liabilities:							
Long term debt	—	5,873,795	5,873,795	5,328,746	2,326,125	7,654,871	13,528,666
Other non-current liabilities	255,718,342	83,670	255,802,012	3,796,007	381,733	4,177,740	259,979,752
Total non-current liabilities	255,718,342	5,957,465	261,675,807	9,124,753	2,707,858	11,832,611	273,508,418
Deferred credits	81,196	30,527	111,723	139,927	70,454	210,381	322,104
Reserves	8,816,596	1,209,008	10,025,604	993,859	71,539	1,065,398	11,091,002
Capital stock and surplus:							
Capital stock issued and outstanding:							
Preferred	9,750,000	1,242,675	10,992,675	1,553,312	1,423,443	2,976,755	13,969,430
Common	18,000,000	1,414,259	19,414,259	1,704,020	999,799	2,703,819	22,118,078
Other paid-in capital	—	585,694	585,694	820,641	161,233	981,874	1,567,568
Unappropriated surplus	Dr. 18,344,457	4,321,938	Dr. 14,022,519	3,938,102	1,823,695	5,761,797	Dr. 8,260,722
Total capital stock and surplus	9,405,543	7,564,566	16,970,109	8,016,075	4,408,170	12,424,245	29,394,354
Total liabilities	308,101,978	18,693,334	326,795,312	25,439,007	11,583,421	37,022,428	363,817,740

TABLE 9 . Balance Sheet, Canadian Scheduled Carriers, by Company, Year Ended December 31, 1962

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
	dollars						
Assets:							
Current assets:							
Cash	6,735,065	—	—	75,359	94,457	2,818,584	9,723,465
Special deposits	—	—	5,330	—	—	57,675	63,005
Notes and accounts receivable:							
Governments	—	146,334	411,107	79,196	292,761	4,497,827	5,427,225
General traffic	4,847,976	35,043	225,705	202,592	—	11,053,306	16,364,622
Associated companies	492,329	157,367	—	—	1,575	523,185	1,174,456
Company personnel	20,078	2,887	29,672	7,712	4,460	826,675	891,484
Other	2,032,200	355,119	22,795	2,097	242,333	1,604,383	4,258,927
Total notes and accounts receivable	7,392,583	696,750	689,279	291,597	541,129	18,505,376	28,116,714
Less: reserve for uncollectible accounts	140,000	12,926	19,842	—	25,479	195,000	393,247
Materials and supplies	2,486,645	280,828	355,794	14,648	232,086	24,088,609	27,458,610
Short term prepayments	670,509	112,390	129,840	58,911	63,628	342,322	1,377,600
Other current assets	—	—	—	—	—	380	380
Total current assets	17,144,802	1,077,042	1,160,401	440,515	905,821	45,617,946	66,346,527
Investments and special funds:							
Investments in associated companies	8,629	2,010,100	—	—	82,185	3,470	2,104,384
Other investments	1,312,018	160,126	—	—	—	—	1,472,144
Special funds	32,875	—	—	—	—	8,816,596	8,849,471
Total investments and special funds	1,353,522	2,170,226	—	—	82,185	8,820,066	12,425,999
Property and equipment:							
Operating	25,710,848	5,185,511	5,735,460	4,858,516	4,651,887	285,363,150	331,505,372
Less: accumulated depreciation	12,314,844	2,399,215	2,939,439	1,781,064	1,753,554	67,875,973	89,064,089
Non-operating	270,349	17,591	—	—	—	4,495,345	4,783,285
Less: accumulated depreciation	211,677	15,193	—	—	—	4,348,872	4,575,742
Total property and equipment	13,454,676	2,788,694	2,796,021	3,077,452	2,898,333	217,633,650	242,648,826
Deferred charges:							
Long term prepayments	—	—	—	—	—	22,522	22,522
Developmental and pre-operating costs	1,795,773	—	—	—	—	2,216,882	4,012,655
Unamortized discount and expense on debt	—	—	22,051	—	—	—	22,051
Property acquisition adjustment	—	—	—	—	—	—	—
Other intangibles	—	—	1,274,593	—	—	—	1,274,593
Other deferred charges	42,139	—	—	—	—	—	42,139
Total deferred charges	1,837,912	—	1,296,644	—	—	2,239,404	5,373,960
Total assets	33,790,912	6,035,962	5,253,066	3,517,967	3,886,339	274,311,066	326,795,312
Liabilities:							
Current liabilities:							
Notes and accounts payable:							
Current notes payable	—	287,077	444,744	102,393	193,000	—	1,027,214
Accounts payable—General	1,863,188	318,531	491,189	238,638	453,670	3,548,282	6,913,498
Collections as agents—Traffic	2,014,056	7,235	25,071	—	—	6,452,738	8,499,100
Other	310,226	—	—	—	—	596,570	906,796
Associated companies	1,112,623	157,911	—	—	—	2,723,303	3,993,837
Current portion of long term debt	—	200,000	405,228	—	255,500	—	860,728
Total notes and accounts payable	5,300,093	970,754	1,366,232	341,031	902,170	13,320,893	22,201,173
Accrued salaries and wages	892,025	43,498	134,082	—	80,649	2,990,028	4,140,282
Accrued taxes	24,244	10,911	—	—	300	297,356	332,811
Dividends payable	—	—	—	—	118	—	118
Air travel plan liability	—	—	—	—	—	1,779,050	1,779,050
Unearned transportation revenue	2,420,162	15,198	18,092	—	24,803	4,592,753	7,071,008
Other current liabilities	2,420,307	—	21,636	—	2,294	43,390	2,487,627
Total current liabilities	11,056,831	1,040,361	1,540,042	341,031	1,010,334	23,023,470	38,012,069
Non-current liabilities:							
Long term debt	—	609,835	1,382,968	2,600,822	1,280,170	—	5,873,795
Advances from associated companies	7,626,353	—	—	—	83,670	237,471,000	245,181,023
Pension liability	—	—	—	—	—	—	—
Other non-current liabilities	10,620,989	—	—	—	—	—	10,620,989
Total non-current liabilities	18,247,342	609,835	1,382,968	2,600,822	1,363,840	237,471,000	261,675,807
Deferred credits:							
Unamortized premium on debt	—	—	—	—	—	—	—
Other deferred credits	81,196	—	30,527	—	—	—	111,723
Total deferred credits	81,196	—	30,527	—	—	—	111,723
Reserves:							
Reserve for major overhauls	—	83,259	280,918	—	844,831	—	1,209,008
Reserve for self-insurance	—	—	—	—	—	8,816,596	8,816,596
Other reserves	—	—	—	—	—	—	—
Total reserves	—	83,259	280,918	—	844,831	8,816,596	10,025,604
Capital stock and surplus:							
Capital stock issued and outstanding:							
Preferred	9,750,000	—	1,158,950	47,225	36,500	—	10,992,675
Common	13,000,000	15,000	356,493	500,000	542,766	5,000,000	19,414,259
Capital stock subscribed and unissued	—	666,600	—	Dr. 103,295	—	—	563,305
Other paid in capital	—	—	—	22,389	—	—	22,389
Unappropriated surplus	Dr. 18,344,457	3,620,907	503,168	109,795	88,068	—	Dr. 14,022,519
Total capital stock and surplus	4,405,543	4,302,507	2,018,611	576,114	667,334	5,000,000	16,970,109
Total liabilities	33,790,912	6,035,962	5,253,066	3,517,967	3,886,339	274,311,066	326,795,312

**TABLE 10. Property and Equipment and Accumulated Depreciation, Canadian Carriers, by Revenue Group,
Year Ended December 31, 1962**

No.		Cost		
		Beginning of year	Additions	Retirements
		Group I and II Carriers		
		dollars		
	Operating property and equipment:			
1	Flight equipment	248,469,390	12,653,625	10,346,145
2	Ground equipment	27,798,423	5,793,418	754,559
3	Buildings and other improvements.. ..	42,150,030	3,232,929	201,971
4	Total flight and ground property and equipment.....	318,417,843	21,679,972	11,302,675
5	Land	55,864	2,555	1,510
6	Construction work in progress	12,261,373	2,844,797	69,488
7	Total operating property and equipment	330,735,080	24,527,324	11,373,673
8	Non-operating property and equipment	10,968,972	654	18,559,533
9	Total property and equipment	341,704,052	24,527,978	29,933,206
		Group III Carriers		
	Operating property and equipment:			
10	Flight equipment	20,281,872	3,005,236	2,272,406
11	Ground equipment	1,741,023	248,842	79,592
12	Buildings and other improvements	3,298,247	159,008	3,482
13	Total flight and ground property and equipment.....	25,321,142	3,413,086	2,355,480
14	Land	144,789	45,699	—
15	Construction work in progress	49,109	1,771,440	49,341
16	Total operating property and equipment	25,515,040	5,230,225	2,404,821
17	Non-operating property and equipment	333,284	27,007	—
18	Total property and equipment	25,848,324	5,257,232	2,404,821
		Group IV Carriers		
	Operating property and equipment:			
19	Flight equipment	10,419,372	1,809,708	1,040,926
20	Ground equipment	1,016,500	199,881	81,630
21	Buildings and other improvements	1,636,707	127,004	14,478
22	Total flight and ground property and equipment	13,072,579	2,136,593	1,137,034
23	Land	222,394	2,356	—
24	Construction work in progress.....	106,946	103,831	—
25	Total operating property and equipment	13,401,919	2,242,780	1,137,034
26	Non-operating property and equipment	611,659	28,786	5,598
27	Total property and equipment	14,013,578	2,271,566	1,142,632

**TABLE 10. Property and Equipment and Accumulated Depreciation, Canadian Carriers, by Revenue Group,
Year Ended December 31, 1962**

Cost			Accumulated depreciation					No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year	End of year	
Debit	Credit			Debit	Credit			
Group I and II Carriers								
dollars								
15,130	12,228,274	238,563,726	63,515,019	5,309,000	Dr. 10,516,154	20,514,622	68,204,487	1
—	—	32,837,282	10,589,157	703,359	—	3,106,275	12,992,073	2
—	170,215	45,010,773	6,435,845	154,868	Dr. 114,442	1,700,994	7,867,529	3
15,130	12,398,489	316,411,781	80,540,021	6,167,227	Dr. 10,630,596	25,321,891	89,064,089	4
—	—	56,909	—	—	—	—	—	5
—	—	15,036,682	—	—	—	—	—	6
15,130	12,398,489	331,505,372	80,540,021	6,167,227	Dr. 10,630,596	25,321,891	89,064,089	7
12,373,192	—	4,783,285	9,094,946	15,383,497	10,631,109	233,184	4,575,742	8
12,388,322	12,398,489	336,288,657	89,634,967	21,550,724	513	25,555,075	93,639,831	9
Group III Carriers								
127,963	137,281	21,005,384	10,476,248	1,557,721	757,271	1,852,944	11,528,742	10
9,576	3,184	1,916,665	826,893	51,621	7,546	186,483	969,301	11
61	5,346	3,448,488	1,055,459	6,391	41,961	249,816	1,340,845	12
137,600	145,811	26,370,537	12,358,600	1,615,733	806,778	2,289,243	13,838,888	13
—	—	190,488	—	—	—	—	—	14
—	318	1,770,890	—	—	—	—	—	15
137,600	146,129	28,331,915	12,358,600	1,615,733	806,778	2,289,243	13,838,888	16
—	1,766	358,525	50,928	1,766	—	22,488	71,650	17
137,600	147,895	28,690,440	12,409,528	1,617,499	806,778	2,311,731	13,910,538	18
Group IV Carriers								
554	38,722	11,149,986	6,531,844	407,114	111,858	1,145,096	7,381,684	19
—	11,042	1,123,709	656,557	50,092	1,650	117,476	725,591	20
1,463	—	1,750,696	538,234	3,733	792	75,567	610,860	21
2,017	49,764	14,024,391	7,726,635	460,939	114,300	1,338,139	8,718,135	22
—	—	224,750	—	—	—	—	—	23
—	1,463	209,314	—	—	—	—	—	24
2,017	51,227	14,458,455	7,726,635	460,939	114,300	1,338,139	8,718,135	25
90	5,251	629,686	90,941	—	7,969	28,543	127,453	26
2,107	56,478	15,088,141	7,817,576	460,939	122,269	1,366,682	8,845,588	27

**TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1962**

No.		Cost		
		Beginning of year	Additions	Retirements
		Canadian Pacific Air Lines		
		dollars		
	Operating property and equipment:			
	Flight equipment:			
1	Airframes	10,256,262	186,920	1,068,451
2	Aircraft engines	2,654,919	—	374,914
3	Aircraft propellers	512,784	—	76,881
4	Aircraft communications and navigational equipment	437,996	389	56,167
5	Miscellaneous flight equipment	410,949	—	3,287
6	Flight equipment, spare parts and assemblies	4,893,787	551,868	370,359
7	Total flight equipment, spare parts and assemblies	19,166,697	739,177	1,950,059
	Ground property and equipment:			
8	Ramp equipment	908,812	142,745	1,199
9	Communications and meteorological equipment	50,070	—	—
10	Maintenance and engineering equipment	1,612,622	92,451	1,047
11	Surface transport vehicles and equipment	106,510	31,342	15,812
12	Furniture, fixtures and office equipment	427,986	18,252	844
13	Miscellaneous ground equipment	1,171,489	1,626	148
14	Buildings and other improvements	3,218,139	60,198	70,266
15	Total operating ground property and equipment	7,495,628	346,614	89,316
16	Land	2,182	—	75
17	Construction work in progress	69,252	—	69,252
18	Total operating property and equipment	26,733,759	1,085,791	2,108,702
19	Non-operating property and equipment	270,349	—	—
20	Total property and equipment	27,004,108	1,085,791	2,108,702
		Maritime Central Airways		
	Operating property and equipment:			
	Flight equipment:			
21	Airframes	2,748,182	281,922	178,962
22	Aircraft engines	367,650	200,123	60,267
23	Aircraft propellers	52,567	26,218	19,207
24	Aircraft communications and navigational equipment	218,349	27,955	11,484
25	Miscellaneous flight equipment	95,872	254	16,299
26	Flight equipment spare parts and assemblies	146,447	172,213	15,937
27	Total flight equipment	3,629,067	708,685	302,156
	Ground property and equipment:			
28	Ramp equipment	87,487	4,044	188
29	Communications and meteorological equipment	48,850	165	825
30	Maintenance and engineering equipment	7,371	13,142	62
31	Surface transport vehicles and equipment	46,677	3,825	11,176
32	Furniture, fixtures and office equipment	93,702	3,206	4,738
33	Miscellaneous ground equipment	172,371	1,014	3,500
34	Buildings and other improvements	698,026	858	15,063
35	Total operating ground property and equipment	1,154,484	26,254	35,552
36	Land	6,164	—	1,435
37	Construction work in progress	—	—	—
38	Total operating property and equipment	4,789,715	734,939	339,143
39	Non-operating property and equipment	16,937	654	—
40	Total property and equipment	4,806,652	735,593	339,143

**TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1962**

Cost		Accumulated depreciation							No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year		End of year	
Debit	Credit			Debit	Credit	Rate	Amount		
Canadian Pacific Air Lines									
dollars									
—	—	9,374,731	5,012,389	468,842	—	8.5	732,090	5,275,637	1
—	—	2,280,005	1,487,448	210,257	—	8.5	204,503	1,481,694	2
—	—	435,903	207,754	18,169	—	8.5	38,834	228,419	3
—	—	382,218	211,220	20,892	—	8.5	38,867	229,195	4
—	—	407,662	119,014	1,266	—	8.5	33,704	151,452	5
—	—	5,075,296	1,449,987	200,409	—	10.0	499,046	1,748,624	6
—	—	17,955,815	8,487,812	919,835	—	...	1,547,044	9,115,021	7
—	—	1,050,358	223,402	407	—	10.0	89,979	312,974	8
—	—	50,070	50,070	—	—	—	—	50,070	9
—	—	1,704,026	765,051	1,406	—	10.0	148,906	912,551	10
—	—	122,040	63,031	14,913	—	10.0	18,607	66,725	11
—	—	445,394	262,515	691	—	10.0	42,348	304,172	12
—	—	1,172,967	488,418	148	—	10.0	106,290	594,560	13
—	—	3,208,071	921,087	70,266	—	20.0 40.0	107,950	958,771	14
—	—	7,752,926	2,773,574	87,831	—	...	514,080	3,199,823	15
—	—	2,107	—	—	—	—	—	—	16
—	—	—	—	—	—	—	—	—	17
—	—	25,710,848	11,261,386	1,007,666	—	—	2,061,124	12,314,844	18
—	—	270,349	188,661	—	—	8.5	23,016	211,677	19
—	—	25,981,197	11,450,047	1,007,666	—	—	2,084,140	12,526,521	20
Maritime Central Airways									
—	—	2,851,142	1,179,721	130,388	—	3.6	65,670	1,115,003	21
—	—	507,506	201,948	34,454	—	40.0	136,005	303,499	22
—	—	59,578	25,200	13,741	—	40.0	19,247	30,706	23
—	—	234,820	65,146	5,799	—	40.0	70,189	129,536	24
—	—	79,827	82,188	13,847	—	40.0	4,594	72,935	25
—	—	302,723	105,347	10,093	—	20.0	41,494	136,748	26
—	—	4,035,596	1,659,550	208,322	—	...	337,199	1,788,427	27
—	—	91,343	51,147	177	—	20.0 30.0	11,157	62,127	28
—	—	48,190	42,168	825	—	25.0	1,712	43,055	29
—	—	20,451	3,539	—	—	20.0 30.0	3,388	6,927	30
—	—	39,326	24,984	5,699	—	30.0	6,012	25,297	31
—	—	92,170	57,871	2,417	—	20.0	7,343	62,797	32
—	—	169,885	130,061	2,583	—	20.0	8,482	135,960	33
—	—	683,821	253,247	9,447	—	5.0 10.0	30,825	274,625	34
—	—	1,145,186	563,017	21,148	—	...	68,919	610,788	35
—	—	4,729	—	—	—	—	—	—	36
—	—	—	—	—	—	—	—	—	37
—	—	5,185,511	2,222,567	229,470	—	—	406,118	2,399,215	38
—	—	17,591	14,325	—	—	26.57	868	15,193	39
—	—	5,203,102	2,236,892	229,470	—	—	406,986	2,414,408	40

**TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1962 — Continued**

No.		Cost		
		Beginning of year	Additions	Retirements
Pacific Western Airlines				
dollars				
	Operating property and equipment:			
	Flight equipment:			
1	Airframes	3,263,740	388,096	458,917
2	Aircraft engines	662,589	270,653	130,180
3	Aircraft propellers	—	—	—
4	Aircraft communications and navigational equipment	126,508	50,855	16,191
5	Miscellaneous flight equipment	22,737	3,200	—
6	Flight equipment, spare parts and assemblies	587,478	39,075	2,499
7	Total flight equipment	4,663,052	751,879	607,787
	Ground property and equipment:			
8	Ramp equipment	—	—	—
9	Communications and meteorological equipment	143,002	2,010	3,300
10	Maintenance and engineering equipment	164,487	2,068	—
11	Surface transport vehicles and equipment	99,140	14,350	2,621
12	Furniture, fixtures and office equipment	151,466	3,764	910
13	Miscellaneous ground equipment	100,578	8,267	1,198
14	Buildings and other improvements	203,852	50,759	18,026
15	Total operating ground property and equipment	862,525	81,218	26,055
16	Land	1,352	—	—
17	Construction work in progress	236	3,276	236
18	Total operating property and equipment	5,527,165	836,373	634,078
19	Non-operating property and equipment	—	—	—
20	Total property and equipment	5,527,165	836,373	634,078
Quebecair Inc.				
	Operating property and equipment:			
	Flight equipment:			
21	Airframes	5,445,042	41,127	2,779,150
22	Aircraft engines	345,767	10,085	203,796
23	Aircraft propellers	107,634	—	—
24	Aircraft communications and navigational equipment	220,510	9,759	20,770
25	Miscellaneous flight equipment	9,172	2,046	—
26	Flight equipment, spare parts and assemblies	490,607	—	141,224
27	Total flight equipment	6,618,732	63,017	3,144,940
	Ground property and equipment:			
28	Ramp equipment	189,829	15,501	—
29	Communications and meteorological equipment	65,487	5,852	—
30	Maintenance and engineering equipment	127,482	1,260	—
31	Surface transport vehicles and equipment	19,440	15,917	8,990
32	Furniture, fixtures and office equipment	116,481	3,269	—
33	Miscellaneous ground equipment	17,783	490	—
34	Buildings and other improvements	723,672	4,234	—
35	Total operating ground property and equipment	1,260,174	46,523	8,990
36	Land	24,000	—	—
37	Construction work in progress	—	—	—
38	Total operating property and equipment	7,902,906	109,540	3,153,930
39	Non-operating property and equipment	—	—	—
40	Total property and equipment	7,902,906	109,540	3,153,930

**TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1962 - Continued**

Cost			Accumulated depreciation						No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year		End of year	
Debit	Credit			Debit	Credit	Rate	Amount		
Pacific Western Airlines									
dollars									
—	4,000	3,188,919	1,804,598	239,815	—	..	302,566	1,867,349	1
10,000	—	813,062	323,119	256,640	—	..	29,047	95,526	2
—	—	—	—	—	—	..	—	—	3
—	—	161,172	73,636	9,446	—	..	20,784	84,974	4
—	—	25,937	12,104	—	—	..	2,501	14,605	5
—	—	624,054	220,509	1,630	—	..	86,403	305,282	6
10,000	4,000	4,813,144	2,433,966	507,531	—	...	441,301	2,367,736	7
—	—	—	—	—	—	..	—	—	8
—	—	141,712	70,472	550	—	..	12,737	82,659	9
—	—	166,555	103,397	—	—	..	12,055	115,452	10
—	—	110,869	74,289	2,621	—	..	19,361	91,029	11
—	—	154,320	90,703	694	—	..	11,253	101,262	12
—	—	107,647	46,050	519	—	..	9,061	54,592	13
—	—	236,585	116,503	10,876	—	..	21,082	126,709	14
—	—	917,688	501,414	15,260	—	...	85,549	571,703	15
—	—	1,352	—	—	—	—	—	—	16
—	—	3,276	—	—	—	—	—	—	17
10,000	4,000	5,735,460	2,935,380	522,791	—	...	526,850	2,939,439	18
—	—	—	—	—	—	—	—	—	19
10,000	4,000	5,735,460	2,935,380	522,791	—	...	526,850	2,939,439	20
Quebecair Inc.									
—	5,130	2,701,889	1,251,305	278,428	—	10.0	253,294	1,226,171	21
—	—	152,056	69,971	20,379	—	10.0	14,676	64,268	22
—	—	107,634	—	—	—	—	—	—	23
—	—	209,499	62,900	2,077	—	10.0	20,828	81,651	24
5,130	—	16,348	4,567	—	513	10.0	1,391	6,471	25
—	—	349,383	—	—	—	—	—	—	26
5,130	5,130	3,536,809	1,388,743	300,884	513	...	290,189	1,378,561	27
—	—	205,330	80,423	—	—	10.0	17,626	98,049	28
—	—	71,339	30,226	—	—	10.0	6,311	36,537	29
—	—	128,742	45,982	—	—	10.0	12,307	58,289	30
—	—	26,367	11,452	3,866	—	15.0	3,360	10,946	31
—	—	119,750	36,184	—	—	10.0	11,728	47,912	32
—	—	18,273	5,249	—	—	10.0	1,827	7,076	33
—	—	727,906	111,815	—	—	5.0-2½-2	31,879	143,694	34
—	—	1,297,707	321,331	3,866	—	...	85,038	402,503	35
—	—	24,000	—	—	—	—	—	—	36
—	—	—	—	—	—	—	—	—	37
5,130	5,130	4,858,516	1,710,074	304,750	513	—	375,227	1,781,064	38
—	—	—	—	—	—	—	—	—	39
5,130	5,130	4,858,516	1,710,074	304,750	513	...	375,227	1,781,064	40

**TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1962 — Concluded**

No.		Cost		
		Beginning of year	Additions	Retirements
		Transair Ltd.		
		dollars		
	Operating property and equipment:			
	Flight equipment:			
1	Airframes	1,809,011	396,393	11,592
2	Aircraft engines	817,340	131,052	22,726
3	Aircraft propellers	—	—	—
4	Aircraft communications and navigational equipment	71,272	37,060	164
5	Miscellaneous flight equipment	25,684	2,908	—
6	Flight equipment, spare parts and assemblies	125,000	—	—
7	Total flight equipment	2,848,307	567,413	34,482
	Ground property and equipment:			
8	Ramp equipment	—	—	—
9	Communications and meteorological equipment	70,086	3,192	—
10	Maintenance and engineering equipment	157,381	7,644	758
11	Surface transport vehicles and equipment	93,872	—	—
12	Furniture, fixtures, and office equipment	85,988	2,841	—
13	Miscellaneous ground equipment	—	1,750	—
14	Buildings and other improvements	854,624	56,434	70,959
15	Total operating ground property and equipment	1,261,951	71,861	71,717
16	Land	22,166	2,555	—
17	Construction work in progress	—	—	—
18	Total operating property and equipment	4,132,424	641,829	106,199
19	Non-operating property and equipment	—	—	—
20	Total property and equipment	4,132,424	641,829	106,199
		Trans-Canada Air Lines		
	Operating property and equipment:			
	Flight equipment:			
21	Airframes	151,707,150	5,585,823	892,361
22	Aircraft engines	38,640,073	1,668,690	871,436
23	Aircraft propellers	3,649,178	230,736	17,838
24	Aircraft communications and navigational equipment	3,656,155	257,516	27,411
25	Miscellaneous flight equipment	4,107	71,071	—
26	Flight equipment, spare parts and assemblies	13,886,872	2,009,618	2,497,675
27	Total flight equipment	211,543,535	9,823,454	4,306,721
	Ground property and equipment:			
28	Ramp equipment	5,942,287	409,341	97,175
29	Communications and meteorological equipment	506,633	3,707,074	39,275
30	Maintenance and engineering equipment	8,448,540	434,521	127,462
31	Surface transport vehicles and equipment	339,878	55,627	46,900
32	Furniture, fixtures and office equipment	2,776,020	236,097	389,040
33	Miscellaneous ground equipment	3,448,616	550,771	2,609
34	Buildings and other improvements	36,451,717	3,060,446	27,657
35	Total operating ground property and equipment	57,913,691	8,453,877	724,900
36	Land	—	—	—
37	Construction work in progress	12,191,885	2,841,521	—
38	Total operating property and equipment	281,649,111	21,118,852	5,031,621
39	Non-operating property and equipment	10,681,686	—	18,559,533
40	Total property and equipment	292,330,797	21,118,852	23,591,154

**TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1962 — Concluded**

Cost			Accumulated depreciation							No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year		End of year		
Debit	Credit			Debit	Credit	Rate	Amount			
Transair Ltd.										
dollars										
—	—	2,193,812	710,635	7,621	—	..	240,355	943,369	1	
—	16,167	909,499	66,255	12,486	—	..	37,226	90,995	2	
—	—	—	—	—	—	—	—	—	3	
—	—	108,168	47,660	164	—	40.0	24,269	71,765	4	
—	—	28,592	13,564	—	—	40.0	6,011	19,575	5	
—	—	125,000	—	—	—	—	—	—	6	
—	16,167	3,365,071	838,114	20,271	—	...	307,861	1,125,704	7	
—	—	—	—	—	—	—	—	—	8	
—	—	73,278	42,607	—	—	25.0	7,668	50,275	9	
—	—	164,267	82,982	423	—	20.0	16,409	98,968	10	
—	—	93,872	75,896	—	—	30.0	5,393	81,289	11	
—	—	88,829	52,616	—	—	20.0	7,243	59,859	12	
—	—	1,750	—	—	—	20.0	525	525	13	
—	—	840,099	313,550	36,622	—	10.0	60,006	336,934	14	
—	—	1,262,095	567,651	37,045	—	...	97,244	627,850	15	
—	—	24,721	—	—	—	—	—	—	16	
—	—	—	—	—	—	—	—	—	17	
—	16,167	4,651,887	1,405,765	57,316	—	...	405,105	1,753,554	18	
—	—	—	—	—	—	—	—	—	19	
—	16,167	4,651,887	1,405,765	57,316	—	...	405,105	1,753,554	20	
Trans-Canada Air Lines										
—	9,077,159	147,323,453	33,406,913	769,495	Dr. 7,461,007	..	12,012,511	37,188,922	21	
—	2,393,717	37,043,610	8,992,788	521,142	Dr. 2,341,358	..	3,338,012	9,468,300	22	
—	458,256	3,403,820	1,009,932	11,183	Dr. 447,214	..	335,039	886,574	23	
—	273,845	3,612,415	1,093,630	17,185	Dr. 267,088	..	386,498	1,195,855	24	
—	—	75,178	366	—	—	..	12,587	12,953	25	
—	—	13,398,815	4,203,205	2,033,152	—	..	1,506,381	3,676,434	26	
—	12,202,977	204,857,291	48,706,834	3,352,157	Dr. 10,516,667	...	17,591,028	52,429,038	27	
—	—	6,254,453	1,713,550	88,799	—	..	606,474	2,231,225	28	
—	—	4,174,432	340,684	38,918	—	..	194,291	496,057	29	
—	—	8,755,599	3,696,438	118,465	—	..	800,610	4,378,583	30	
—	—	348,605	219,745	40,428	—	..	68,728	248,045	31	
—	—	2,623,077	890,118	381,485	—	..	473,965	982,598	32	
—	—	4,001,996	717,837	2,675	—	..	363,119	1,083,631	33	
—	170,215	39,314,291	4,719,643	27,657	Dr. 114,442	..	1,449,252	6,026,796	34	
—	170,215	65,472,453	12,298,015	693,077	Dr. 114,442	...	3,956,439	15,446,935	35	
—	—	—	—	—	—	—	—	—	36	
—	—	15,033,406	—	—	—	—	—	—	37	
—	12,373,192	285,363,150	61,004,849	4,045,234	Dr. 10,631,109	...	21,547,467	67,875,973	38	
12,373,192	—	4,495,345	8,891,960	15,383,497	10,631,109	—	209,300	4,348,872	39	
12,373,192	12,373,192	289,858,495	69,896,809	19,428,731	—	...	21,756,767	72,224,845	40	

TABLE 12. Statement of Income, Canadian Carriers - All Services, by Revenue Group, Year Ended December 31, 1962

	Scheduled carriers			Non-scheduled carriers			Grand total	Grand total 1961
	Group I	Group II ¹	Total	Group III ¹	Group IV	Total		
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	198,139,006	8,686,050	206,825,056	3,799,376	515,580	4,314,956	211,140,012	186,890,383
Express	3,629,556	542,772	4,172,328	130,343	45,847	176,190	4,348,518	3,661,298
Freight	9,355,917	1,919,157	11,275,074	1,044,720	48,248	1,092,968	12,368,042	10,897,999
Excess baggage	1,200,385	211,932	1,412,317	99,608	13,940	113,548	1,525,865	1,327,808
Mail	12,445,892	1,181,103	13,626,995	726,022	61,859	787,881	14,414,876	13,867,910
Total unit toll transportation	224,770,756	12,541,014	237,311,770	5,800,069	685,474	6,485,543	243,797,313	216,645,398
Bulk transportation	4,827,191	4,437,248	9,264,439	11,986,518	6,742,834	18,729,352	27,993,791	27,720,828
Total transportation	229,597,947	16,978,262	246,576,209	17,786,587	7,428,308	25,214,895	271,791,104	244,366,226
Other flying services	29,693	—	29,693	5,245,692	2,046,350	7,292,042	7,321,735	5,363,062
Total flying services	229,627,640	16,978,262	246,605,902	23,032,279	9,474,658	32,506,937	279,112,839	249,729,288
Non-flying services	2,487,791	557,648	3,045,439	1,053,633	1,406,410	2,460,043	5,505,482	5,144,613
Total operating revenues	232,115,431	17,535,910	249,651,341	24,085,912	10,881,068	34,966,980	284,618,321	254,873,901
Operating expenses:								
Flying operations	56,142,370	5,915,931	62,058,301	9,856,899	4,307,137	14,164,036	76,222,337	73,316,322
Maintenance	47,186,707	4,416,338	51,603,045	6,784,186	2,758,797	9,542,983	61,146,028	55,775,771
General services and administration:								
Passenger service	17,835,477	472,900	18,308,377	..	..	..	..	..
Aircraft and traffic servicing	32,980,942	2,341,239	35,322,181	..	..	..	..	..
Promotion and sales	36,098,358	1,159,176	37,257,534	..	..	..	..	..
General administration	9,753,972	1,273,875	11,027,847	..	..	..	..	..
Totals	96,668,749	5,247,190	101,915,939	4,807,421	1,947,005	6,754,426	108,670,365	100,003,284
Depreciation and amortization	25,928,529	1,833,084	27,761,613	2,261,759	1,271,842	3,533,601	31,295,214	28,350,155
Total operating expenses	225,926,353	17,412,543	243,338,896	23,710,265	10,284,781	33,995,046	277,333,944	257,445,532
Operating income (loss)	6,189,076	123,367	6,312,443	375,647	596,287	971,934	7,284,377	Dr. 2,571,631
Non-operating income - Net:								
Capital gains and losses	Dr. 393,090	48,878	Dr. 344,212	126,358	141,998	268,356	Dr. 75,856	Dr. 513,958
Interest and discounts	1,554,738	138,690	1,693,428	60,277	Dr. 284	59,993	1,753,421	1,934,140
Miscellaneous non-operating income ..	Dr. 576,043	Dr. 47,984	Dr. 624,027	Dr. 42,479	80,475	37,996	Dr. 586,031	86,396
Income before interest expense	6,774,681	262,951	7,037,632	519,803	818,476	1,338,279	8,375,911	Dr. 1,065,053
Interest expense	11,518,776	513,868	12,032,644	614,960	200,874	815,834	12,848,478	11,790,763
Income before income taxes	Dr. 4,744,095	Dr. 250,917	Dr. 4,995,012	Dr. 95,157	617,602	522,445	Dr. 4,472,567	Dr. 12,855,816
Provision for income taxes	Cr. 5,162	Cr. 63,305	Cr. 68,467	121,395	71,832	193,227	124,760	290,607
Net income after income taxes	Dr. 4,738,933	Dr. 187,612	Dr. 4,926,545	Dr. 216,552	545,770	329,218	Dr. 4,597,327	Dr. 13,146,423

¹ Nordair Ltd. and Eastern Provincial Airways Ltd. included with Group III carriers for purposes of this report.

TABLE 13. Statement of Income, Canadian Scheduled Carriers - All Services, by Company, Year Ended December 31, 1962

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans-Canada Air Lines	Total	Total 1961
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	39,347,397	1,081,316	2,740,893	2,987,144	1,876,697	158,791,609	206,825,056	183,464,645
Express	200,651	—	105,013	412,882	24,877	3,428,905	4,172,328	3,527,361
Freight	2,321,558	988,053	622,238	—	308,866	7,034,359	11,275,074	9,890,786
Excess baggage	311,560	16,077	89,355	84,173	22,327	888,825	1,412,317	1,247,165
Mail	1,884,223	269,255	513,051	153,909	244,888	10,561,669	13,626,995	13,089,323
Total unit toll transportation	44,065,389	2,354,701	4,070,550	3,638,108	2,477,655	180,705,367	237,311,770	211,219,280
Bulk transportation	3,668,783	163,721	1,525,609	16,724	2,731,194	1,158,408	9,264,439	6,326,844
Total transportation	47,734,172	2,518,422	5,596,159	3,654,832	5,208,849	181,863,775	246,576,209	217,546,124
Other flying services	—	—	—	—	—	29,693	29,693	390,783
Total flying services	47,734,172	2,518,422	5,596,159	3,654,832	5,208,849	181,893,468	246,605,902	217,936,907
Non-flying services	907,792	141,216	345,772	41,913	28,747	1,579,999	3,045,439	3,023,786
Total operating revenues	48,641,964	2,659,638	5,941,931	3,696,745	5,237,596	183,473,467	249,651,341	220,960,693
Operating expenses:								
Flying operations	18,346,153	1,009,273	2,160,599	1,064,172	1,681,887	37,796,217	62,058,301	59,458,956
Maintenance	8,360,144	669,302	1,192,599	818,113	1,736,324	38,826,563	51,603,045	47,309,963
General services and administration:								
Passenger service	4,286,704	76,524	168,483	60,983	166,910	13,548,773	18,308,377	17,554,507
Aircraft and traffic servicing	5,834,184	428,235	1,359,694	321,431	231,879	27,146,758	35,322,181	33,887,944
Promotion and sales	8,218,390	76,772	231,858	536,934	313,612	27,879,968	37,257,534	32,420,623
General administration	2,131,273	251,137	450,252	271,256	301,230	7,622,699	11,027,847	10,055,493
Totals	20,470,551	832,668	2,210,287	1,190,604	1,013,631	76,198,198	101,915,939	98,918,567
Depreciation and amortization	2,671,255	455,036	526,850	375,227	475,971	23,257,274	27,761,613	24,870,797
Total operating expenses	49,848,103	2,966,279	6,090,335	3,448,116	4,907,813	176,078,252	243,338,898	225,558,283
Operating income (loss)	Dr. 1,206,139	Dr. 306,641	Dr. 148,404	248,629	329,783	7,395,215	6,312,443	Dr. 4,597,590
Non-operating income - Net:								
Capital gains and losses	Dr. 393,090	43,569	Dr. 44,635	66,604	Dr. 16,660	—	Dr. 344,212	Dr. 667,166
Interest and discounts	426,123	138,055	—	—	635	1,128,615	1,693,428	1,897,504
Miscellaneous non-operating income ..	Dr. 25,202	8,403	Dr. 56,387	—	—	Dr. 550,841	Dr. 624,027	Dr. 115,016
Income before interest expense	Dr. 1,198,308	Dr. 116,614	Dr. 249,426	315,233	313,758	7,972,989	7,037,632	Dr. 3,482,268
Interest expense	—	75,925	131,503	185,462	120,978	11,518,776	12,032,644	11,081,634
Income before income taxes	Dr. 1,198,308	Dr. 192,539	Dr. 380,929	129,771	192,780	Dr. 3,545,787	Dr. 4,995,012	Dr. 14,563,902
Provision for income taxes	—	145	Cr. 63,450	—	—	Cr. 5,162	Cr. 68,467	53,022
Net income after income taxes	Dr. 1,198,308	Dr. 192,684	Dr. 317,479	129,771	192,780	Dr. 3,540,625	Dr. 4,926,545	Dr. 14,616,924

TABLE 14. Operating Expense Analysis, Canadian Group III Carriers, Year Ended December 31, 1962

Expenses	Functional classification						Grand total
	Flying operations	Maintenance			General services and administration	Depreciation and amortization	
		Direct maintenance flight equipment	Direct maintenance ground property and equipment	Maintenance burden			
	dollars						
Salaries, wages and personnel expenses:							
General management	—	—	—	106,813	652,007	—	738,820
Pilots and co-pilots	3,065,044	—	—	—	—	—	3,065,044
Other flight personnel	172,149	—	—	—	50,871	—	223,020
Maintenance labour	—	1,765,128	145,019	327,216	—	—	2,237,363
Aircraft and traffic handling	—	—	—	—	898,813	—	898,813
Trainees, instructors and unallocated shop labour ...	26,711	—	—	76,510	26,065	—	129,286
Communications	—	—	—	10,345	95,312	—	105,657
Other personnel	—	—	—	173,024	570,169	—	743,193
Personnel expenses	488,807	—	—	92,501	276,658	—	857,966
Totals	3,752,711	1,765,128	145,019	786,409	2,549,895	—	8,999,162
Materials and supplies:							
Aircraft fuels and oils	3,024,387	—	—	—	—	—	3,024,387
Maintenance materials and supplies	—	1,363,625	143,362	27,732	—	—	1,534,719
Shop and servicing supplies	—	—	—	57,374	9,627	—	67,001
Stationery, printing and office supplies	—	—	—	7,224	116,049	—	123,273
Passenger food expense	—	—	—	—	66,340	—	66,340
Other supplies	84,327	—	—	52,677	37,153	—	174,157
Inventory adjustments	—	—	—	32,602	—	—	32,602
Totals	3,108,714	1,363,625	143,362	177,609	229,169	—	5,022,479
Other expenses:							
Communications purchased	—	—	—	28,356	256,632	—	284,988
Light, heat, power and water	—	—	—	105,348	65,416	—	170,764
Traffic commissions	—	—	—	—	94,180	—	94,180
Professional and technical fees and expenses	—	—	—	2,507	141,991	—	144,498
Other services—Associated companies	—	—	—	—	154,422	—	154,422
Total repairs and other services—Outside	—	1,700,616	38,455	28,651	210,793	—	1,978,515
Rentals	853,085	—	—	46,540	307,563	—	1,207,188
Landing fees—Canadian	142,856	—	—	—	—	—	142,856
Foreign	13,722	—	—	—	—	—	13,722
Insurance—P.L., P.D. and traffic liability	1,617,839	—	—	116,704	39,244	—	1,773,787
Employee welfare	159,610	—	—	71,303	131,734	—	362,647
Injuries, loss and damage	111,957	—	—	2,581	37,410	—	151,948
Advertising and publicity	—	—	—	—	182,777	—	182,777
Interrupted trip expense	—	—	—	—	29,109	—	29,109
Uncollectible accounts	—	—	—	—	108,502	—	108,502
Taxes, other than income and payroll	—	—	—	—	73,724	—	73,724
Other expenses	96,405	—	—	22,318	194,860	—	313,583
Overhaul provisions—Airframes	—	44,989	—	—	—	—	44,989
Aircraft engines	—	194,666	—	—	—	—	194,666
Totals	2,995,474	1,940,271	38,455	424,308	2,028,357	—	7,426,865
Depreciation and amortization:							
Amortization	—	—	—	—	—	4,982	4,982
Depreciation—Flight equipment	—	—	—	—	—	1,827,345	1,827,345
Maintenance equipment and hangars ..	—	—	—	—	—	222,491	222,491
General ground property	—	—	—	—	—	206,941	206,941
Grand totals	9,856,899	5,069,024	326,836	1,388,326	4,807,421	2,261,759	23,710,265

TABLE 15. Operating Expense Analysis, Canadian Group IV Carriers, Year Ended December 31, 1962

TABLE 15. Operating Expense Analysis, Canadian Group IV Carriers, Four Ended December 31, 1964						
Expenses	Functional classification					Grand total
	Aircraft operating expenses	Maintenance		General services and administration	Depreciation and amortization	
		Flight equipment	Ground property and equipment			
	dollars					
Salaries, wages, and personnel expenses:						
General management	41,410	43,457	5,175	539,112	—	629,154
Flight personnel	1,668,239	—	—	2,000	—	1,670,239
Maintenance labour	—	797,853	85,065	—	—	882,918
Aircraft and traffic handling	—	—	—	108,644	—	108,644
Other personnel	—	5,679	37,330	264,477	—	307,486
Personnel expenses	103,660	20,509	3,629	99,518	—	227,316
Totals	1,813,309	867,498	131,199	1,013,751	—	3,825,757
Materials and supplies:						
Aircraft fuel and oils	1,213,139	—	—	—	—	1,213,139
Maintenance materials and supplies	—	758,493	103,805	—	—	862,298
Other supplies	8,034	5,316	27,922	41,097	—	82,369
Totals	1,221,173	763,809	131,727	41,097	—	2,157,806
Other expenses:						
Repairs and other services—Outside	—	589,401	33,417	18,092	—	640,910
Rentals	378,577	5,964	97,983	72,551	—	555,075
Insurance—P.L., P.D. and traffic liability	763,128	—	52,349	50,044	—	865,521
Other expenses	130,950	24,345	61,105	751,470	—	967,870
Depreciation—Flight equipment	—	—	—	—	1,092,726	1,092,726
Ground property and equipment	—	—	—	—	179,116	179,116
Totals	1,272,655	619,710	244,854	892,157	1,271,842	4,301,218
Grand totals	4,307,137	2,251,017	507,780	1,947,005	1,271,842	10,284,781

TABLE 16. Operating Expense Analysis, Canadian Scheduled Carriers — All Services, Year Ended December 31, 1962

No.	Expenses	Functional classifications			
		Flying operations	Maintenance		
			Direct maintenance flight equipment	Direct maintenance ground property and equipment	Maintenance burden
			dollars		
	Salaries, wages and personnel expenses:				
1	Management	—	—	—	877,253
2	Pilots and co-pilots	13,177,744	—	—	—
3	Other flight personnel	803,762	—	—	—
4	Maintenance labour	—	10,531,164	826,285	1,747,898
5	Aircraft and traffic handling	—	—	—	—
6	Trainees, instructors, unallocated shop labour	522,563	—	—	4,280,673
7	Communications	—	—	—	107,159
8	Other personnel	—	—	—	9,467,343
9	Personnel expenses	1,290,605	—	—	249,163
10	Totals	15,794,674	10,531,164	826,285	16,729,489
	Materials and supplies:				
11	Aircraft fuels and oils	29,731,022	—	—	—
12	Maintenance materials and supplies	—	11,013,278	442,567	531,794
13	Shop and servicing supplies	—	—	—	610,691
14	Stationery, printing and office supplies	—	—	—	171,759
15	Passenger food expense	—	—	—	—
16	Other supplies	114,141	—	—	290,257
17	Inventory adjustments	—	—	—	253,850
18	Totals	29,845,163	11,013,278	442,567	1,858,351
	Other expenses:				
19	Communications purchased	—	—	—	151,290
20	Light, heat, power and water	—	—	—	675,141
21	Traffic commissions	—	—	—	—
22	Professional and technical fees and expenses	—	—	—	4,312
23	Other services — Associated companies	—	—	77	98
24	Total repairs and other services — Outside	—	4,169,681	1,162,489	488,444
25	Rentals	3,971,191	—	—	203,742
26	Landing fees — Canadian	5,344,099	—	—	—
27	Foreign	2,050,802	—	—	—
28	Insurance — P.L., P.D., and traffic liabilities	3,306,548	—	—	228,243
29	Employee welfare	1,386,199	—	—	1,794,428
30	Injuries, loss and damage	326,440	—	—	40,884
31	Advertising and publicity	—	—	—	—
32	Interrupted trip expense	—	—	—	—
33	Uncollectible accounts	—	—	—	—
34	Taxes, other than income and payroll	—	—	—	—
35	Other expenses	33,185	—	—	226,236
36	Overhaul provisions — Airframes	—	323,910	—	—
37	Aircraft engines	—	732,936	—	—
38	Totals	16,418,464	5,226,527	1,162,566	3,812,818
	Depreciation and amortization:				
39	Amortization	—	—	—	—
40	Depreciation — Flight equipment	—	—	—	—
41	Maintenance equipment and hangars	—	—	—	—
42	General ground property	—	—	—	—
43	Grand totals	62,058,301	26,770,969	2,431,418	22,400,658

TABLE 16. Operating Expense Analysis, Canadian Scheduled Carriers — All Services, Year Ended December 31, 1962

Functional classifications									No.
Passenger servicing	Aircraft and passenger servicing			Promotions and sales		General administration	Depreciation and amortization	Grand total	
	Aircraft servicing	Traffic servicing	Servicing administration	Reservations and sales	Advertising and publicity				
dollars									
18,990	355,101	3,000	282,471	470,973	20,993	1,092,028	—	3,120,809	1
—	—	—	—	—	—	—	—	13,177,744	2
4,883,150	—	—	—	—	—	—	—	5,686,912	3
—	—	—	—	—	—	—	—	13,105,347	4
192,087	10,287,095	5,187,157	2,196,389	9,490,783	—	—	—	27,353,511	5
172,267	324,226	5,711	111,534	359,192	—	14,280	—	5,790,446	6
—	342,484	—	742,535	698,997	—	54,874	—	1,946,049	7
487,475	421,614	151,767	1,201,563	3,848,430	527,076	5,003,250	—	21,108,518	8
1,475,770	209,696	119,446	277,895	1,272,043	118,051	325,356	—	5,338,025	9
7,229,739	11,940,216	5,467,081	4,812,387	16,140,418	666,120	6,489,788	—	96,627,361	10
—	—	—	—	—	—	—	—	29,731,022	11
—	—	—	—	—	—	—	—	11,987,639	12
—	302,882	—	—	—	—	—	—	913,573	13
7,674	98,357	98,480	292,936	544,933	44,653	535,151	—	1,793,943	14
6,808,261	—	—	—	—	—	—	—	6,808,261	15
1,667,693	85,508	25,330	323,549	14,404	2,119	15,588	—	2,538,589	16
—	—	—	—	—	—	—	—	253,850	17
8,483,628	486,747	123,810	616,485	559,337	46,772	550,739	—	54,026,877	18
12,723	384,788	257,725	790,656	3,081,975	19,539	178,721	—	4,877,417	19
369	21,831	62,240	114,950	105,695	1,581	53,418	—	1,035,225	20
—	—	—	—	6,572,325	—	—	—	6,572,325	21
8,620	50,962	223	2,165	37,231	480	166,249	—	270,242	22
3,147	1,801	1,182,789	—	429,835	5,001	220,210	—	1,842,958	23
377,168	2,921,348	1,447,974	634,125	197,293	19,969	73,236	—	11,491,727	24
104,359	349,628	660,488	591,089	1,271,996	27,577	698,946	—	7,879,016	25
—	—	—	—	—	—	—	—	5,344,099	26
—	—	—	—	—	—	—	—	2,050,802	27
749,495	7,744	43,007	7,104	3,935	—	110,567	—	4,456,643	28
348,275	751,564	339,438	299,731	1,010,236	34,958	385,868	—	6,350,697	29
190,830	22,366	67,319	27,269	3,787	Cr. 608	9,079	—	687,366	30
10,423	—	—	—	157,134	6,625,996	—	—	6,793,553	31
667,549	—	—	—	—	—	10,020	—	677,569	32
—	—	—	—	—	—	420,334	—	420,334	33
—	—	—	—	—	—	1,296,468	—	1,296,468	34
122,052	109,530	531,219	194,382	233,113	5,839	364,204	—	1,819,760	35
—	—	—	—	—	—	—	—	323,910	36
—	—	—	—	—	—	—	—	732,936	37
2,595,010	4,621,562	4,592,422	2,661,471	13,104,555	6,740,332	3,987,320	—	64,923,047	38
—	—	—	—	—	—	—	2,156,914	2,156,914	39
—	—	—	—	—	—	—	20,726,898	20,726,898	40
—	—	—	—	—	—	—	2,639,079	2,639,079	41
—	—	—	—	—	—	—	2,238,722	2,238,722	42
18,308,377	17,048,525	10,183,313	8,090,343	29,804,310	7,453,224	11,027,847	27,761,613	243,338,898	43

TABLE 17. Operating Statistics, Canadian Carriers — Specialty Flying Services, Groups I to IV, by Type of Service, 1962

	Revenue hours	Revenue earned		Revenue hours	Revenue earned
	No.	\$		No.	\$
Flying training	34,371	576,096	Philanthropic	—	—
Recreational flying	10,909	226,408	Aerial fish cultivation	48	4,809
Aerial photography and survey	6,200	1,067,044	Geophysical survey	9,878	991,814
Aerial photography (excl. survey)	663	25,553	Non-transportation charter	781	116,681
Aerial pest control	4,265	590,103	Other specialty flying	2,053	327,814
Aerial advertising	116	15,334			
Aerial patrol and inspection	14,098	1,206,452	Total specialty flying	83,382	5,148,108

TABLE 18. Statistical Summary of Canadian Carriers Operating Helicopters Only, Groups I to IV, 1962

Operating statistics	1962	Statement of income	1962
Revenue hours flown	No. 49,087	Operating revenue:	
Average number of aircraft	117	Bulk transportation	\$ 5,540,499
Average number of employees:		Other flying services	\$ 616,445
Flying personnel	197	Non-flying services	\$ 556,101
Other personnel	127	Totals	\$ 6,713,045
Totals	324	Operating expenses:	
Salaries and wages paid:		Flying operations	\$ 2,508,257
Flying personnel	\$ 1,536,296	Maintenance	\$ 2,021,359
Other personnel	\$ 872,880	General services and administration	\$ 674,227
Totals	\$ 2,409,176	Depreciation and amortization	\$ 1,139,695
		Totals	\$ 6,343,538
		Operating income (loss)	\$ 369,507
		Net income (deficit) after income taxes	\$ 283,401

Balance sheet

	dollars		dollars
Assets:		Liabilities:	
Current assets:		Current liabilities:	
Cash	261,045	Notes and accounts payable	1,175,835
Accounts receivable	855,161	Current portion of long term debt	270,548
Less: reserve for uncollectible accounts	97,340	Accrued taxes	36,566
Materials and supplies	591,972	Other and accrued liabilities	213,071
Short term prepayments	230,911	Total current liabilities	1,696,020
Other current assets	132,107	Non-current liabilities:	
Total current assets	1,973,856	Long term debt	1,550,900
Investments	312,668	Other non-current liabilities	381,837
Property and equipment:		Total non-current liabilities	1,932,737
Operating	9,373,586	Deferred credits	21,632
Less: accumulated depreciation	5,060,497	Reserves	72,000
Non-operating	2,376	Capital Stock and Surplus:	
Less: accumulated depreciation	576	Capital stock issued and outstanding:	
Deferred charges:		Preferred	749,940
Long term prepayments	8,944	Common	922,127
Other deferred charges	144,942	Other paid-in capital	348,408
Total deferred charges	153,886	Unappropriated surplus	1,012,435
Total assets	6,755,299	Total capital stock and surplus	3,032,910
		Total liabilities	6,755,299

TABLE 19. Aircraft Owned and Leased, Canadian Carriers, by Category of Aircraft and Weight Group, as at January 15, 1963

Categories of aircraft and weight groups	Groups I and II ¹		Group III ¹		Group IV		Group V		Total	
	Owned	Leased	Owned	Leased	Owned	Leased	Owned	Leased	Owned	Leased
Carriers reporting	6		22		number		298		396	
Helicopters	—	—	123	4	36	4	24	7	183	15
Turbo jets	11	4	—	—	—	—	—	—	11	4
Turbo props:										
300,001 lbs. and over	—	—	—	—	—	—	1	—	1	—
150,001-300,000 lbs.	—	5	—	—	—	—	—	—	—	5
100,001-150,000 "	22	—	—	—	—	—	—	—	22	—
50,001-100,000 "	48	—	—	—	—	—	—	—	48	—
50,000 lbs. and under	4	1	—	—	—	—	—	—	4	1
Total turbo props	74	6	—	—	—	—	1	—	75	6
Piston engine:										
Four engines:										
130,001 lbs. and over	3	—	—	—	—	—	—	—	3	—
100,001-130,000 lbs.	5	1	—	—	—	—	—	—	5	1
70,001-100,000 "	8	1	3	1	—	1	—	—	11	3
50,001- 70,000 "	1	—	1	—	—	—	—	—	2	—
50,000 lbs. and under	—	—	—	—	—	—	—	—	—	—
Total four engines	17	2	4	1	—	1	—	—	21	4
One or two engines:										
40,001 lbs. and over	15	2	2	5	1	1	—	—	18	8
25,001-40,000 lbs.	22	1	31	4	7	1	5	—	65	6
20,001-25,000 "	—	—	2	—	—	—	—	—	2	—
15,001-20,000 "	—	—	22	—	—	—	2	—	24	—
10,001-15,000 "	—	—	3	—	7	—	1	—	12	—
7,501-10,000 "	10	—	44	—	40	—	20	—	114	—
5,001- 7,500 "	25	—	63	2	56	2	33	2	177	6
4,001- 5,000 "	1	—	7	—	7	1	9	3	24	4
3,001- 4,000 "	—	—	16	2	22	1	52	6	90	9
2,001- 3,000 "	5	—	31	5	117	10	242	37	395	52
2,000 lbs. and under	1	—	13	—	87	4	388	31	489	35
Total one or two engines	80	3	234	18	344	20	752	79	1,410	120
Grand totals	182	15	361	23	380	25	777	86	1,700	149

¹ Group II non-scheduled carriers included with Group III for purposes of this report.TABLE 20. Accidents to Aircraft of Canadian Registry, Apparent Cause by Type of Operation, 1962¹

Type of operation	Apparent cause of accidents												
	Personnel			Material failure					Weather	Landing surface	Miscellaneous	Undetermined	Grand total
	Errors of pilots or crew members	Errors of other personnel	Total	Power plant	Air frame	Landing gear	Equipment and accessories	Total					
Commercial operations:	number												
Scheduled:													
Domestic	1	3	4	—	—	1	—	1	—	—	—	—	5
International	2	—	2	—	—	—	—	—	—	—	—	—	2
Non-scheduled:													
Domestic	37	5	42	8	2	4	—	14	1	5	1	3	66
International	1	—	1	—	—	—	—	—	—	—	—	—	1
Contract	—	—	—	—	—	—	—	—	—	—	—	—	—
Specialty:													
Flying training	9	—	9	—	—	—	—	—	—	—	—	—	9
Recreational flying	11	—	11	1	—	—	—	1	—	2	—	—	14
Aerial photography and survey	—	—	—	—	—	—	—	—	—	—	—	—	—
Aerial patrol and inspection	2	—	2	2	—	—	—	2	—	—	—	1	5
Aerial pest control	3	—	3	—	—	—	—	—	—	—	—	—	3
Geophysical survey	—	—	—	—	—	—	—	—	—	—	—	—	—
Forest fire protection	—	—	—	1	—	—	—	1	—	—	—	—	1
Other	—	1	1	—	—	—	—	—	—	—	—	—	1
Total commercial operations	66	9	75	12	2	5	—	19	1	7	1	4	107
Non-commercial operations:													
Flying clubs:													
Flying training	4	2	6	—	—	—	—	—	—	—	—	—	6
Recreational flying	2	—	2	—	1	—	—	1	—	—	—	—	3
Private:													
Ferry	—	—	—	—	—	—	—	—	—	—	—	—	—
Company business	8	—	8	—	1	1	—	2	—	1	—	1	12
Test	2	—	2	1	—	—	—	1	—	—	—	—	3
Training-Check	3	—	3	—	—	1	—	1	—	—	—	—	4
Recreation flying	103	3	106	11	—	2	—	13	1	—	—	6	126
Aerial pest control	2	—	2	—	—	—	—	—	—	—	—	—	2
Other	2	—	2	—	—	1	—	1	—	—	—	—	3
Miscellaneous: ²													
Positioning	8	—	8	2	1	1	—	4	—	—	—	—	12
State	1	1	2	—	—	—	—	—	—	—	—	—	2
Missing enroute	—	—	—	—	—	—	—	—	—	—	—	1	1
Total non-commercial operations	135	6	141	14	3	6	—	23	1	1	—	8	174
Grand total all operations	201	15	216	26	5	11	—	42	2	8	1	12	281

¹ As reported by Civil Aviation Branch, Department of Transport. Subject to revision.² Includes accidents occurring during non-revenue flights of commercial aircraft.

TABLE 21. Accidents to Aircraft of Canadian Registry, Casualties by General Type of Operation, 1961-62¹

Accidents and casualties	General type of operations					
	Commercial		Non-commercial ²		Total	
	1962	1961 ³	1962	1961 ³	1962	1961 ³
	number					
Total accidents	107	118	174	202	281	320
Fatal accidents	13	14	25	23	38	37
Casualties:						
Pilot:						
Killed	8	13	22	20	30	33
Seriously injured	7	6	21	15	28	21
Co-pilot:						
Killed	2	2	—	—	2	2
Seriously injured	—	—	—	—	—	—
Flight engineer:						
Killed	—	2	—	—	—	2
Seriously injured	—	—	—	—	—	—
Cabin attendant:						
Killed	1	—	—	—	1	—
Seriously injured	1	—	—	—	1	—
Other crew:						
Killed	5	1	—	—	5	1
Seriously injured	1	1	—	1	1	2
Passengers:						
Killed	34	16	31	20	65	36
Seriously injured	6	8	17	11	23	19
Third party:						
Killed	—	—	—	—	—	—
Seriously injured	—	1	—	—	—	1
Totals:						
Killed	50	34	53	40	103	74
Seriously injured	15	16	38	27	53	43

¹ As reported by Civil Aviation Branch, Department of Transport.² Includes flying clubs, private and miscellaneous flying (positioning, state and ferry) which comprises accidents occurring during non-revenue flights of commercial aircraft.³ Subject to revision.TABLE 22. Personnel and Airport Licenses Issued and Aircraft Registered as of December 31, 1962¹

Personnel	In force December 31, 1962	In force December 31, 1961	Aircraft registered	Total December 31, 1962	Total December 31, 1961
	number			number	
Pilots:			Commercial	1,908	1,910
Glider	582	503	Private	3,976	3,612
Private	15,979	14,597	State	182	207
Commercial	2,251	1,996	Commercial (restricted)	71	60
Senior commercial	356	381	Ultra light	93	74
Airline transport	1,342	1,287	Experimental	8	7
			Private (restricted)	11	15
Totals - Pilots	20,510	18,764	Totals	6,249	5,885
Air navigators	94	90	Airports		
Air traffic controllers	807	788		In force December 31, 1962	In force December 31, 1961
Flight engineers	28	52			
Aircraft maintenance engineers	2,109	1,824	Number of airports	589	546

¹ As reported by Civil Aviation Branch, Department of Transport.

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation	Public transportation of passengers and goods at a toll per unit. It includes: (i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and (ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
Bulk Transportation	(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Specialty Flying Services	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising (Class 7).
Scheduled Carriers	Carriers operating a scheduled (Class 1) service.
Non-Scheduled Carriers	Carriers not operating any scheduled (Class 1) service.
Classification of Canadian Carriers:	
Group I Carriers	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers	All other carriers licensed to perform scheduled (Class 1) service plus one major transport carrier: Nordair Ltd.
Group III Carriers	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Group I and II.
Group IV Carriers	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000 and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.
Passenger	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger and a round trip passenger is counted as two passengers.
Revenue Passenger	A child or adult for which a fare or part of a fare is paid.
Non-Revenue Passenger	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
Air Cargo	Air freight and air express.
Goods	Air cargo plus excess baggage and air mail.
Tons	Short tons of 2,000 lbs.
Miles	Statute miles of 5,280 ft.
Passenger-Mile	The transportation of one passenger over the distance of one mile.
Available Seat-Miles	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station trip.
Passenger Load Factor	Ratio of revenue passenger-miles performed to available seat-miles.
Ton-Mile	The transportation of one ton of load over the distance of one mile.
Available Load	Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.
Available Ton-Miles	Available load capacity multiplied by miles flown on each inter-station trip.
Weight Load Factor	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans-Border Services	Services between Canada and the United States.
Southern Services	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans-Atlantic and Polar Services ..	Services between Canada and Europe
Pacific and Orient Services	Services between Canada and points in the Pacific Ocean or the Orient.
Five Freedoms of the Air:	
First Freedom	The right to fly over the territory of a foreign country without landing.
Second Freedom	The right to land on the territory of a foreign country for non-traffic purposes.
Third Freedom	The right to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
Fourth Freedom	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
Fifth Freedom	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the right to put down in a foreign country, passengers, mail and cargo coming from any such territory.

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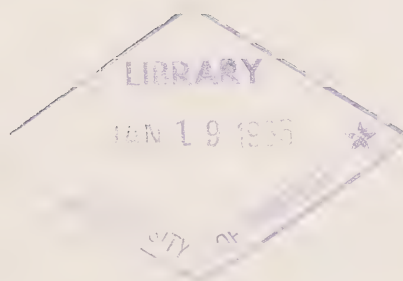
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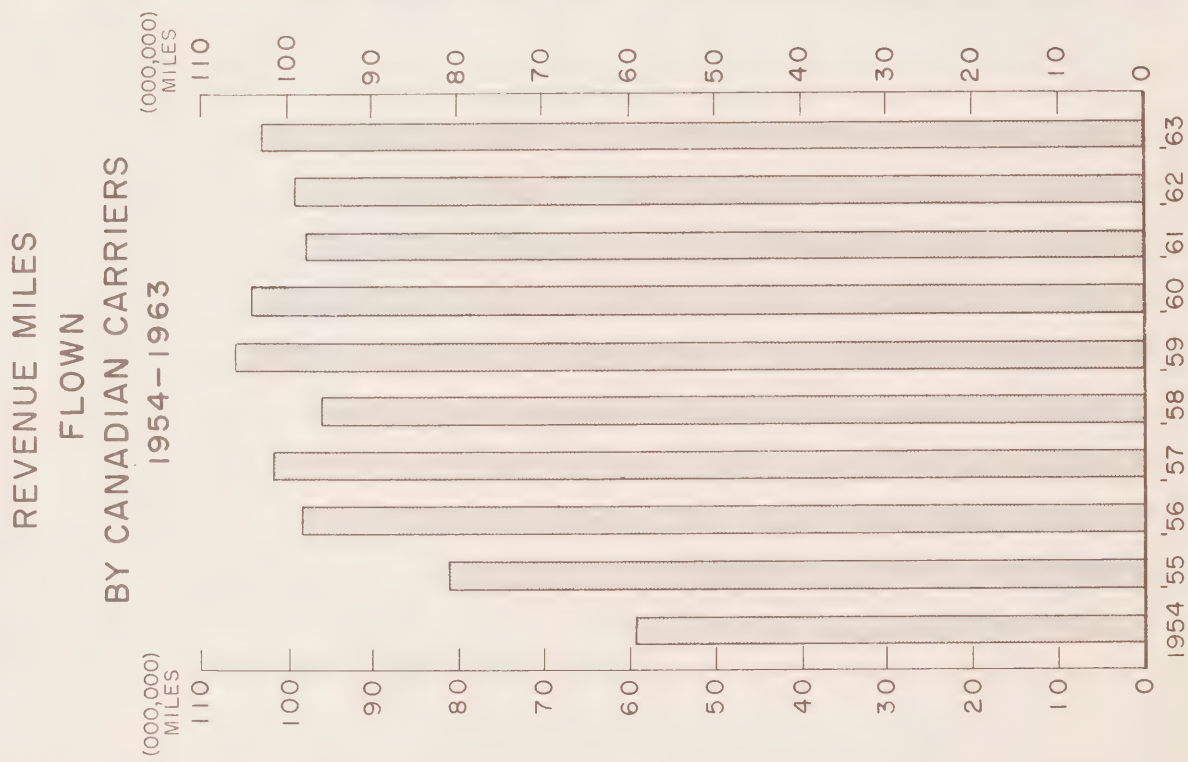
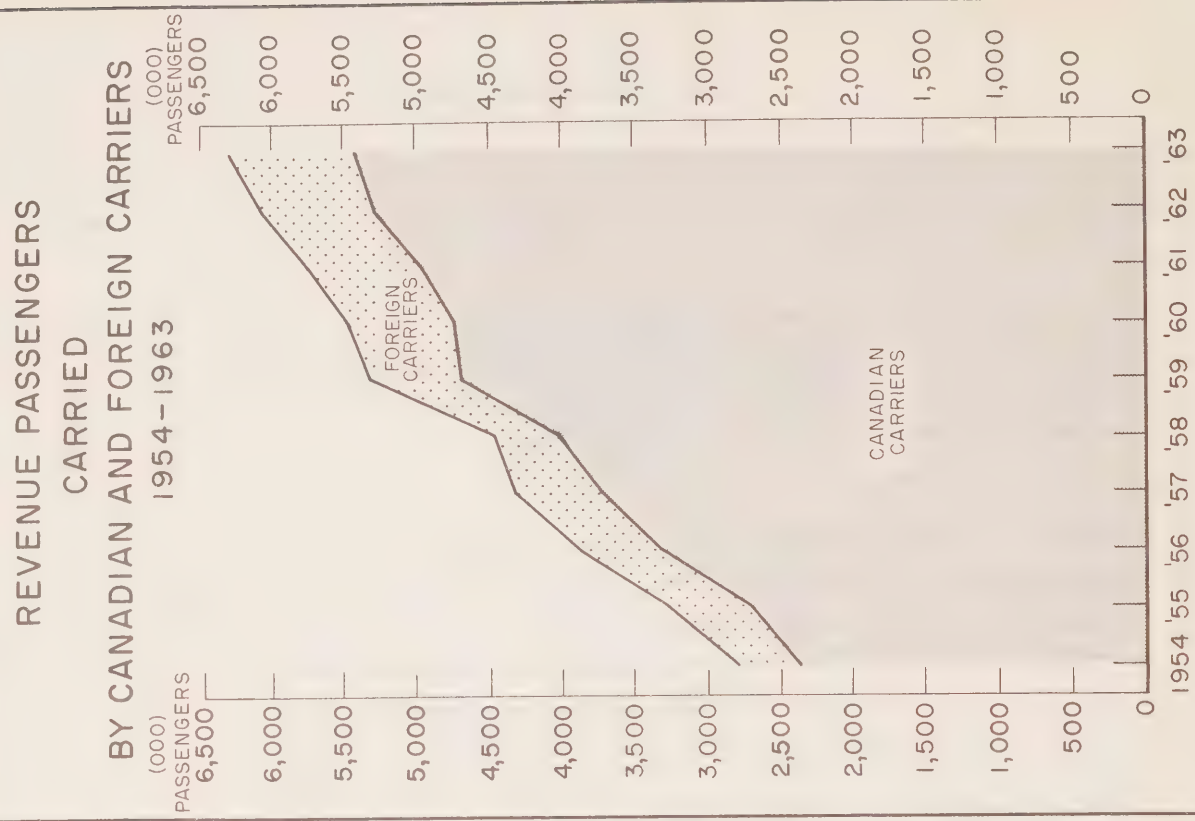


CHART-B



CIVIL AVIATION

1963

INTRODUCTION

Presented in this publication are statistics of Canadian and foreign carriers operating commercial air services within Canada or between Canada and other countries. Statistics of Canadian carriers refer to total operations; i.e. domestic and international, while data for foreign airlines relate to their activities in Canada only; i.e. hours and miles flown over Canadian territory, and passengers and goods entering and leaving Canada, excluding passengers and goods in transit through Canada. Thus, figures presented for Canadian and for foreign carriers are not actually comparable.

In this report, Canadian carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described in the last page of the publication along with definitions of other terms used herein. The number of carriers included with each group during 1963 are as follows:

Group I.....	2
Group II.....	6
Group III.....	20
Group IV.....	69
Group V.....	293
Total.....	390

The total number of air carriers may vary from year to year (in 1962, there were 326). This is mainly due to the additions or withdrawals of small operators. The variation in number has very little impact on the statistics presented for the Civil Aviation industry as a whole. However, there could be significant changes from one group to another depending on individual company growth or contraction. This would tend to distort a true comparison of specific groups over a period of years.

In an effort to maintain continuity in the "Civil Aviation" series, a breakdown of the carriers into scheduled and non-scheduled is included in this report. Nordair Limited is included with Group III for statistical purposes (because it did not operate scheduled routes during 1963) although the scale of its services otherwise qualifies this carrier as Group II. Commencing in October, Eastern Provincial Airways (which previously reported with Group III carriers) merged with Maritime Central Airways to form a new company known as Eastern Provincial Airways (1963) Limited. For the purposes of this report the statistics of Maritime Central Airways and Eastern Provincial Airways have been combined with the other Group II carriers for the entire year.

As Group V carriers file reports on a quarterly basis only, data on their operations are not available for monthly publication but are shown in a special table in the monthly report four times a year. These

statistics are not included, however, in industry totals shown in other tables throughout the report. For consistency purposes, this practice has been followed in the preparation of the annual publication. The exclusion of the Group V carriers is not considered significant as the operation revenues of the carriers usually amount to less than 3 per cent of the operating revenues of all Canadian carriers.

Domestic and international operations of Canadian carriers are combined in all tables except Table 5. In this table, all the information available for each area of service has been assembled.

Whenever feasible, the unit toll services are broken down into scheduled and non-scheduled. However, a complete breakdown is not possible as some carriers offer both services on specific routes. In such cases, the route is assigned to the class of service which predominates.

Statistics on traffic transported into and out of Canada by foreign carriers are presented in Table 6, by geographic area. This distribution has been made possible by the co-operation of the airlines which now provide separate traffic statistics for each area of service.

Financial statistics of Canadian carriers are shown in Tables 8 to 16. These data are presented in accordance with the "Uniform System of Accounts and Reports for Commercial Air Carriers" introduced in 1960.

Table 18 is designed to provide separate data on companies which operate helicopters only. It has been estimated that these companies operate approximately 64 per cent of all helicopters engaged in commercial services in Canada. Helicopters flown by firms which also have fixed wing aircraft are excluded.

Review of 1963 Operations

The number of revenue passengers transported by Canadian air carriers during the year under review increased 3.0 per cent to 5,427,344 in 1963. The volume of revenue goods rose to 125,529 tons, an increase of 6.1 per cent. Revenue hours flown showed a slight increase to 630,573 from 626,302 and revenue miles were up 30.3 per cent to 102,564,907. Unit toll operations showed a slight decline in hours flown while there was a 8.9 per cent increase in bulk hours flown. Freight carried on unit toll services rose 6.4 per cent to 49,532 tons while bulk freight increased 4.8 per cent to 55,051 tons.

Revenue passengers carried on unit toll services rose to 4,864,855, an increase of 1.5 per cent; and passengers carried on bulk trips rose to 562,492, an increase of 18.1 per cent.

Despite the drop in revenue miles flown on unit toll services, revenue passenger-miles flown increased 4.6 per cent to 3,623,020,400 while the goods ton-miles rose 17.2 per cent to 71,148,403.

The six scheduled carriers transported 4.5 per cent more revenue passengers and 9.3 per cent more revenue goods in 1963 than in the previous year (Table 2). Passengers carried totalled 4,906,134 and goods aggregated 77,743 tons compared with 4,495,464 passengers and 71,096 tons of goods in the previous year.

Foreign airlines licensed to operate in Canada carried into and out of this country during 1963, 850,954 revenue passengers (up 7.0 per cent) and 12,421 tons of revenue goods (up 5.7 per cent from 1962) (Table 2).

Operating revenues and expenses of Canadian carriers reached an all time high in 1963 (Table 1). Revenues increased 8.5 per cent to \$308,835,913 while expenses rose 6.1 per cent to \$294,142,170. As a result, an operating increase of \$14,693,743 was reported. After deductions for income taxes and other charges, there was a net income of \$1,390,060 compared with a deficit of \$4,597,327 for 1962.

Total assets of Canadian carriers (Table 8) as at December 31st, 1963 were valued at \$363,731,385, which represents a slight decrease from 1962.

Companies operating helicopters only (Table 18) reported an operating income of \$427,083, and a net income after provision for income taxes and other charges of \$518,473 in 1963 compared with an operating income of \$369,507 and a net income of \$283,401 during 1962. These companies had total assets of \$6,937,629 at the end of 1963 compared to \$6,755,299 the previous year.

The number of aircraft owned and leased by Canadian carriers is presented in this report (Table 19) by group of carrier, by category of aircraft and weight group.

Commercial aircraft were involved in 119 accidents of all types in 1963 as against 107 in 1962. The majority of these were attributed to errors of pilots or crew members. The number of fatal accidents was also greater than the previous year, and the number of persons killed more than doubled (103 to 211). Accidents occurring to all aircraft registered in Canada (including aircraft engaged in non-commercial operations) totalled 259 in 1963 compared with 281 a year earlier.

November 1964.

SYMBOLS

The following standard symbols are used in Dominion Bureau of Statistics publications:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- amount too small to be expressed.
- ♯ preliminary figures.
- † revised figures.

CHART - D

REVENUE CARGO AND MAIL CARRIED BY CANADIAN CARRIERS 1954-1963

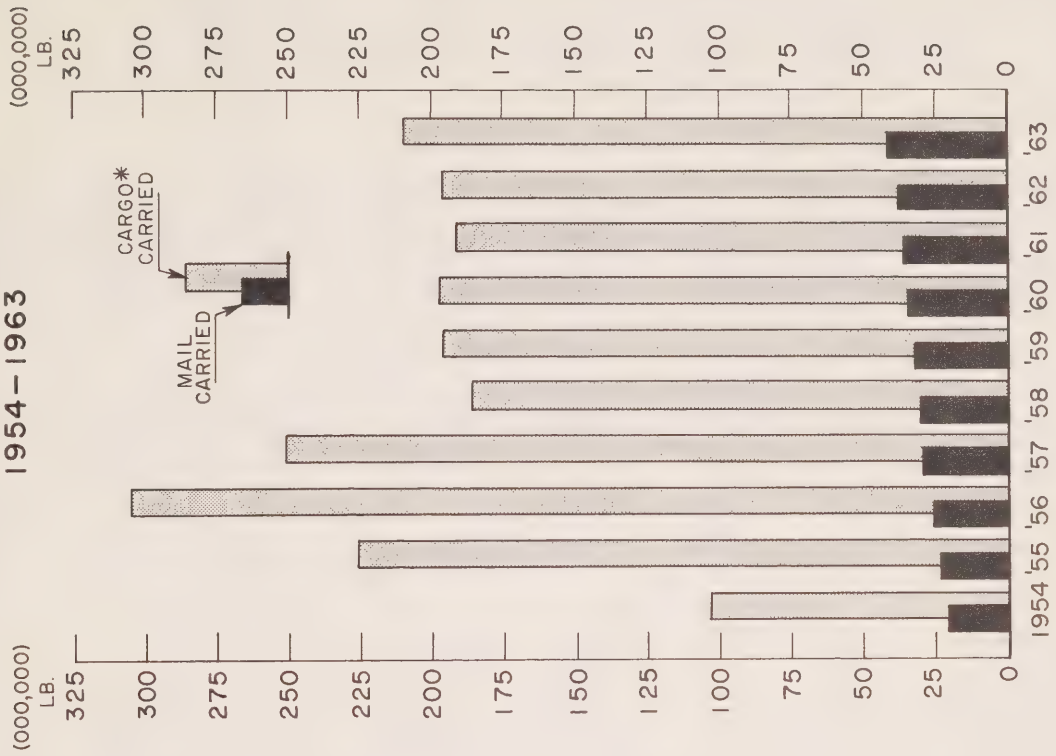


CHART - C

OPERATING REVENUES AND EXPENSES OF CANADIAN CARRIERS 1954-1963

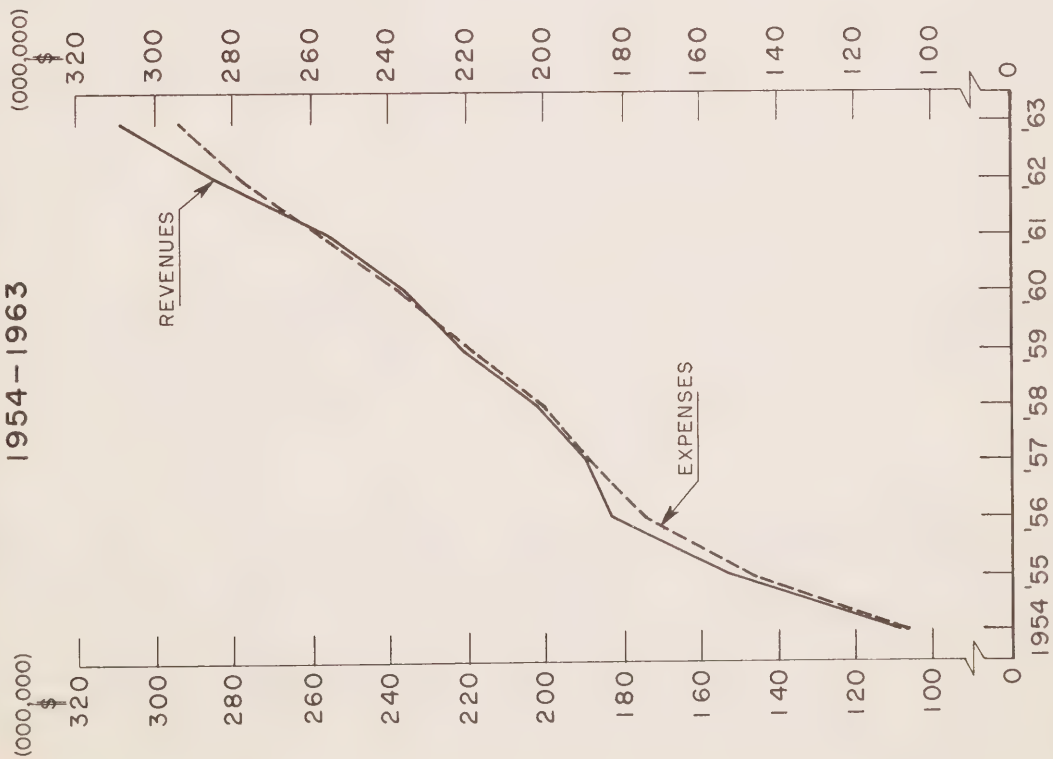


TABLE 1. Statistical Summary of Canadian Civil Aviation, 1958-63

	1963	1962	1961	1960	1959	1958
Canadian Carriers						
Operating statistics:						
Unit toll transportation:						
Revenue:						
Hours flown..... No.	298,655	312,395	327,555	383,181	350,019	323,972
Miles flown..... "	75,746,629	76,040,318	76,008,312	80,246,283	77,405,581	69,438,086
Passengers carried..... "	4,864,855	4,792,409	4,543,009	4,218,431	4,176,501	3,599,365
Cargo and excess baggage carried..... lb.	99,063,385	93,064,818	80,823,898	80,152,652	76,464,625	63,761,034
Mail carried..... "	41,892,927	38,430,775	35,749,456	34,633,139	32,894,779	31,387,841
Passenger-miles..... No.	3,623,020,400	3,463,727,291	3,157,518,367	2,671,926,081	2,357,386,420	2,036,163,546
Cargo and excess baggage ton-miles..... "	53,618,163	45,427,320	38,504,034	35,316,334	29,505,264	25,395,836
Mail ton-miles..... "	17,530,240	15,289,672	14,094,209	13,706,091	13,115,587	12,225,661
Bulk transportation:						
Revenue:						
Hours flown..... "	250,988	230,525	228,049	230,670	259,188	233,380
Miles flown..... "	26,618,278	23,277,049	21,569,202	23,938,740	28,701,522	26,372,480
Passengers carried..... "	562,489	476,390	407,888	508,984	504,763	423,572
Freight carried..... lb.	110,102,115	105,082,430	111,504,022	123,200,348	126,523,737	128,006,002
Other flying services:						
Revenue hours flown..... No.	80,930	83,382	75,808	81,059	155,022	135,587
Total—All services:						
Traffic, hours and miles: ¹						
Revenue:						
Hours flown..... "	630,573	626,302	631,412	694,910	764,229	692,939
Miles flown..... "	102,564,907	99,317,367	97,577,514	104,185,023	106,107,103	95,810,566
Passengers carried..... "	5,427,344	5,268,799	4,950,897	4,727,415	4,681,264	4,022,937
Cargo and excess baggage carried..... lb.	209,165,500	196,776,738	192,327,920	203,353,000	202,988,362	191,767,036
Goods carried ² "	251,058,427	236,578,023	228,077,376	237,986,139	235,883,141	223,154,877
Non-revenue:						
Hours flown..... No.	21,738	25,882	28,863	24,251	31,624	35,427
Passengers carried..... "	..	..	..	..	21,238	13,692
Goods carried ² lb.	..	..	..	..	8,463,610	5,913,962
Passenger-miles..... No.	203,399,987	176,277,219	148,517,121	127,072,658	100,192,596	84,572,322
Goods ton-miles..... "	6,601,370	6,449,798	5,965,235	5,244,953	4,287,822	3,296,840
Fuel and oil consumed:						
Fuel..... gal.	207,490,519	191,343,196	175,201,010	139,425,893	122,055,240	106,118,520
Cost..... \$	34,939,058	31,993,476	31,029,209	29,910,391	28,968,279	27,853,593
Oil..... gal.	405,999	310,015	475,994	812,232	889,423	897,280
Cost..... \$	793,547	765,871	776,583	907,179	1,088,653	1,051,931
Average number of employees..... No.	17,577	17,810	17,700	17,106	16,565	15,990
Salaries and wages paid..... \$	108,538,372	105,636,970	102,200,745	95,650,809	86,148,440	80,235,145
Revenues and expenses:						
Operating revenues..... \$	308,835,913	284,618,321	254,873,901	235,973,562	220,423,558	201,713,936
Operating expenses..... \$	294,142,170	277,333,944	257,445,532	237,714,284	219,487,993	200,278,225
Operating income (loss)..... \$	14,693,743	7,284,377	Dr. 2,571,631	Dr. 1,740,722	935,565	1,435,711
Net income or deficit after income taxes..... \$	1,390,060	Dr. 4,597,327	Dr. 13,146,423	Dr. 6,450,886	Dr. 2,484,178	Dr. 1,806,744
Canadian and Foreign Carriers ³						
Operating statistics:						
Revenue:						
Hours flown (all services)..... No.	646,956	642,284	649,107	712,371	798,527	709,337
Miles flown (transportation services)..... "	108,282,021	104,851,093	103,335,386	109,699,725	110,889,252	99,858,279
Passengers carried (transportation services)..... "	6,278,298	6,064,074	5,740,577	5,451,716	5,316,001	4,555,251
Cargo and excess baggage carried (transportation services)..... lb.	229,636,108	218,487,619	211,044,506	217,220,865	214,391,889	200,388,312
Mail carried (transportation services)..... "	45,210,723	41,596,384	39,024,564	37,472,154	35,558,226	33,628,013
Passenger-miles (unit toll transportation)..... No.	3,832,248,493	3,666,655,321	3,352,704,994	2,847,022,735	2,495,682,456	2,142,276,186
Cargo and excess baggage (unit toll transportation) ton-miles..... "	58,747,717	50,045,948	42,476,457	39,044,787	31,296,521	26,447,626
Mail ton-miles (unit toll transportation)..... "	18,302,847	15,995,107	14,856,343	14,321,866	13,702,638	13,037,645

¹ Except for hours flown, data relate to transportation services only.² Cargo, excess baggage and mail.³ See Introduction, page 5.

TABLE 2. Operating Statistics, Canadian and Foreign Carriers — All Services, 1963

	Canadian carriers					Foreign carriers ¹		Grand total all carriers
	Scheduled carriers	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers ³	
		Groups I and II ²	Group III ²	Group IV					Total
Number of carriers reporting	6	20	69	89	95	10	9	114
Transportation services:								
Unit toll:								
Revenue departures	No. 209,221	31,910	13,631	45,541	254,762	..	..	..
Revenue hours flown	" 266,840	26,317	5,498	31,815	298,655	3,780	11,538	313,973
Revenue miles scheduled	" 66,284,682	..	..	..	66,284,682	945,540	4,385,818	71,616,040
Revenue miles flown:								
Scheduled services	" 67,777,815 ⁴	..	..	..	67,777,815 ⁴	916,219	4,398,908	73,092,942 ⁴
Non-scheduled services	" 4,024,249 ⁴	3,263,780	680,785	3,944,565	7,968,814 ⁴	—	—	7,968,814 ⁴
Totals	" 71,802,064	3,263,780	680,785	3,944,565	75,746,629	916,219	4,398,908	81,061,756
Revenue passengers carried	" 4,736,385	101,977	26,493	128,470	4,864,855	586,348	230,991	5,682,194
Revenue goods carried:								
Cargo	lb. 89,386,370	6,731,648	1,892,630	8,624,278	98,010,648	} 8,071,971	13,241,737	120,377,093
Excess baggage	" 890,869	71,010	90,858	161,868	1,052,737			
Mail	" 40,440,427	1,189,724	262,776	1,452,500	41,892,927			
Totals	" 130,717,666	7,992,382	2,246,264	10,238,646	140,956,312	9,684,229	14,947,275	165,587,816
Revenue passenger-miles	No. 3,601,112,297	20,111,455	1,796,648	21,908,103	3,623,020,400	24,853,059	184,375,034	3,832,248,493
Revenue goods ton-miles:								
Cargo	" 48,843,042	1,692,707	700,083	2,392,790	51,235,832	} 188,580	4,940,974	58,747,717
Excess baggage	" 2,340,713	37,801	3,817	41,618	2,382,331			
Mail	" 16,854,118	625,795	50,327	676,122	17,530,240			
Totals	" 68,037,873	2,356,303	754,227	3,110,530	71,148,403	222,030	5,680,131	77,050,564
Bulk:								
Revenue:								
Departures	" 36,820	71,677	126,188	197,865	234,685	..	..	..
Hours flown	" 45,601	103,414	101,973	205,387	250,988	24	1,041	252,053
Miles flown	" 8,272,170	8,257,004	10,289,104	18,546,108	26,818,278	6,087	395,900	27,220,265
Passengers carried	" 169,749	161,780	230,960	392,740	562,489	3,340	30,275	596,104
Freight carried	lb. 24,768,705	52,132,178	33,201,232	85,333,410	110,102,115	—	209,637	110,311,752
Non-transportation services:								
Specialty flying:								
Revenue hours flown	No. 3,161	21,829	55,940	77,769	80,930	—	—	80,930
Total—All services:								
Traffic, hours and miles: ⁵								
Revenue:								
Departures	No. 246,041	103,587	139,819	243,406	489,447	..	..	..
Hours flown	" 315,602	151,560	163,411	314,971	630,573	3,804	12,579	646,956
Miles flown	" 80,074,234	11,520,784	10,969,889	22,490,673	102,564,907	922,306	4,794,808	108,282,021
Passengers carried	" 4,906,134	263,757	257,453	521,210	5,427,344	589,688	261,266	6,278,298
Cargo carried	lb. 114,155,075	58,863,826	35,093,862	93,957,688	208,112,763	8,071,971 ⁶	13,451,374 ⁶	229,636,108 ⁶
Goods carried	" 155,486,371	60,124,560	35,447,496	95,572,056	251,058,427	9,684,229	15,156,912	275,899,568
Non-revenue:								
Hours flown	No. 8,834	7,415	5,489	12,904	21,738	19	7	21,764
Passengers carried	" ..	1,491	30	1,521	..	10,847	7,766	..
Goods carried	lb. ..	522,974	5,400	528,374	..	118,087	754,050	..
Passenger-miles	No. 202,290,101	1,106,491	3,395	1,109,886	203,399,987	459,427	5,903,592	209,763,006
Goods ton-miles	" 6,314,005	286,859	506	287,365	6,601,370	2,873	234,603	6,838,846
Fuel consumed:								
Turbo fuel:								
Quantity	gal. 187,088,129	—	154,581	154,581	187,242,710	1,262,271	36,378,143	224,883,124
Cost	\$ 27,393,779	—	43,304	43,304	27,437,083	226,666	5,009,191	32,672,940
Gasoline:								
Quantity	gal. 11,307,951	6,342,452	2,597,406	8,939,858	20,247,809	829,032	1,950,100	23,026,941
Cost	\$ 3,763,849	2,578,252	1,159,874	3,738,126	7,501,975	217,263	511,052	8,230,290
Oil consumed:								
Turbo aircraft:								
Quantity	gal. 55,830	—	28	28	55,858	85	1,070	57,013
Cost	\$ 420,816	—	420	420	421,236	541	9,237	431,014
Other aircraft:								
Quantity	gal. 225,233	80,308	44,600	124,908	350,141	7,562	—	357,703
Cost	\$ 182,940	132,561	56,810	189,371	372,311	5,953	—	378,264
Average number of employees:								
Flying personnel	No. 2,151	387	273	660	2,811	..	..	..
Other personnel	" 13,557	715	494	1,209	14,766	..	..	..
Totals	" 15,708	1,102	767	1,869	17,577	250	741	18,568
Salaries and wages paid:								
Flying personnel	\$ 20,047,010	3,260,902	1,899,511	5,160,413	25,207,423	..	..	..
Other personnel	\$ 77,185,465	3,872,223	2,273,261	6,145,484	83,330,949	..	..	..
Totals	\$ 97,232,475	7,133,125	4,172,772	11,305,897	108,538,372	1,392,445	4,038,742	113,969,559

¹ See Introduction, page 5.² Nordair Ltd. included with Group III carriers for purposes of this report.³ Includes fifth freedom traffic between United States and Canada.⁴ Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.⁵ Except for hours flown these data relate to transportation services only.⁶ Includes excess baggage.

TABLE 3. Operating Statistics, Canadian Scheduled Carriers—All Services, by Company, 1963

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air lines	Trans-Canada Air lines	Total	Eastern Provincial Airways (1963) ¹	Pacific Western Airlines ¹	Quebecair Inc. ¹	Transair Ltd. ¹	Total ¹	
Transportation services									
Unit toll:									
Revenue departures No.	21,936	134,470	156,406	13,590	13,032	13,132	13,061	52,815	209,221
Revenue hours flown "	42,699	173,678	216,377	12,115	13,952	10,231	14,165	50,463	266,840
Revenue miles scheduled .. "	14,193,868	47,717,855	61,911,723	309,321	1,877,060	1,046,956	1,139,622	4,372,959	66,284,682
Revenue miles flown:									
Scheduled services:									
Regular "	13,988,053	47,157,436	61,145,489	288,063	1,754,802	979,070	1,111,063	4,132,998	65,278,487
Extra sections "	122,850	2,025,879	2,148,729	7,480	121,988	42,068	179,063	350,599	2,499,328
Non-scheduled services "	628,060	—	628,060	1,668,857	217,345	811,385	698,602	3,396,189	4,024,249
Totals "	14,738,963	49,183,315	63,922,278	1,964,400	2,094,135	1,832,523	1,988,728	7,879,786	71,802,064
Ratio of regular miles flown to miles scheduled	98.5	98.8	...	93.1	93.5	93.5	97.5	...	...
Revenue passengers carried (Scheduled and non-scheduled) ² No.	465,931	3,883,590	4,349,521	88,784	126,506	105,045	66,529	386,864	4,736,385
Revenue goods carried (Scheduled and non-scheduled): ²									
Express lb.	913,265	10,203,310	11,116,575	44,916	337,044	1,985,779	146,897	2,514,636	13,631,211
Freight "	6,804,132	53,263,721	60,067,853	8,215,166	5,898,474	—	1,573,666	15,687,306	75,755,159
Excess baggage ..... "	..	..	..	206,507	221,853	357,261	105,248	890,869	890,869
Mail "	2,363,447	31,702,187	34,065,634	2,199,943	1,920,029	1,167,664	1,087,157	6,374,793	40,440,427
Totals "	10,080,844	95,169,218	105,250,062	10,668,532	8,377,400	3,510,704	2,912,968	25,467,604	130,717,666
Revenue passenger-miles:									
Scheduled services No.	776,618,318	2,701,898,887	3,478,517,205	8,711,336	33,395,478	18,874,194	19,135,059	74,595,069	3,553,112,274
Non-scheduled services .. "	13,899,316	—	13,899,316	14,474,896	677,674	15,270,456	3,677,681	34,100,707	48,000,023
Totals "	790,517,634	2,701,898,887	3,492,416,521	17,665,234	34,073,152	34,144,650	22,812,740	108,695,776	3,601,112,297
Available seat-miles on scheduled services "	1,670,708,243	4,586,419,433	6,257,127,676	12,908,462	76,888,685	34,461,408	45,555,485	169,814,040	6,426,941,716
Passenger load factor on scheduled services	46.5	59.3	...	67.1	43.4	54.8	42.0	...	...
Revenue goods ton-miles:									
Express:									
Scheduled services No.	234,261	3,757,909	3,992,170	5,205	93,008	205,295	28,280	331,788	4,323,958
Non-scheduled services .. "	10,210	—	10,210	3,669	—	171,391	5,435	180,495	190,705
Totals "	244,471	3,757,909	4,002,380	8,874	93,008	376,686	33,715	512,283	4,514,663
Freight:									
Scheduled services "	8,507,696	32,021,598	40,529,294	115,272	1,548,393	—	90,977	1,754,642	42,283,936
Non-scheduled services .. "	24,806	—	24,806	1,789,190	35,660	—	194,787	2,019,637	2,044,443
Totals "	8,532,502	32,021,598	40,554,100	1,904,462	1,584,053	—	285,764	3,774,279	44,328,379
Excess baggage:									
Scheduled services "	464,186	1,698,948	2,163,134	26,511	37,850	33,853	17,581	115,795	2,278,929
Non-scheduled services .. "	1,230	—	1,230	18,069	544	37,973	3,968	60,554	61,784
Totals "	465,416	1,698,948	2,164,364	44,580	38,394	71,826	21,549	176,349	2,340,713
Mail:									
Scheduled services "	2,233,101	13,572,366	15,805,467	84,754	477,562	10,320	68,075	640,711	16,446,178
Non-scheduled services .. "	46,368	—	46,368	197,783	2,979	86,750	74,060	361,572	407,940
Totals "	2,279,469	13,572,366	15,851,835	282,537	480,541	97,070	142,135	1,002,283	16,854,118
Total:									
Scheduled services "	11,439,244	51,050,821	62,490,065	231,742	2,156,813	249,468	204,913	2,842,936	65,333,001
Non-scheduled services .. "	82,614	—	82,614	2,008,711	39,183	296,114	278,250	2,622,258	2,704,872
Totals "	11,521,858	51,050,821	62,572,679	2,240,453	2,195,996	545,582	483,163	5,465,194	68,037,873
Available ton-miles on scheduled services "	219,397,634	627,354,351	846,751,985	1,391,919	10,626,666	3,414,528	5,114,844	20,547,957	867,299,942
Weight load factor on scheduled services ³	40.7	51.2	...	79.2	51.7	62.6	41.4	...	...

See footnotes at end of table.

TABLE 3. Operating Statistics, Canadian Scheduled Carriers — All Services, by Company, 1963 — Concluded

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Eastern Provincial Airways (1963) ¹	Pacific Western Airlines ¹	Quebecair Inc. ¹	Transair Ltd. ¹	Total ¹	
Transportation services — Concluded:									
Bulk:									
Revenue:									
Departures No.	851	1,296	2,147	11,113	18,757	140	4,663	34,673	36,820
Hours flown "	4,742	4,597	9,339	10,422	16,038	191	9,611	36,262	45,601
Miles flown "	1,576,103	2,022,430	3,598,533	1,161,683	1,840,529	28,008	1,643,417	4,673,637	8,272,170
Passengers carried "	32,314	60,249	92,563	31,240	32,094	711	13,141	77,189	169,749
Freight carried lb.	33,372	15,120	48,492	3,890,521	10,572,488	169,385	10,087,819	24,720,213	24,768,705
Non-transportation services:									
Specialty flying:									
Revenue hours flown No.	—	256	256	2,668	—	—	37	2,905	3,161
Total — All services:									
Traffic hours and miles: ⁴									
Revenue:									
Departures No.	22,787	135,766	158,553	24,703	31,789	13,272	17,724	87,488	246,041
Hours flown "	47,441	178,531	225,972	25,405	29,990	10,422	23,813	89,630	315,602
Miles flown "	16,315,066	51,205,745	67,520,811	3,126,083	3,934,664	1,860,531	3,632,145	12,553,423	80,074,234
Passengers carried "	498,245	3,943,839	4,442,084	120,024	158,600	105,756	79,670	464,050	4,906,134
Cargo carried lb.	7,750,769	63,482,151	71,232,920	12,150,603	16,808,006	2,155,164	11,808,382	42,922,155	114,155,075
Goods carried "	10,114,216	95,184,338	105,298,554	14,557,053	18,949,888	3,680,089	13,000,787	50,187,817	155,486,371
Non-revenue:									
Hours flown No.	1,384	3,111	4,495	1,632	1,381	290	1,036	4,339	8,834
Passengers carried "	20,450	..	..	4,212	3,974	1,843	1,697	11,726	..
Goods carried lb.	1,506,307	..	..	195,919	434,832	—	229,137	859,888	..
Passenger-miles No.	40,082,612	158,345,248	198,427,860	1,189,370	1,209,320	580,840	882,711	3,862,241	202,290,101
Goods ton-miles "	2,043,525	4,042,846	6,086,371	43,427	129,595	—	54,612	227,634	6,314,005
Fuel consumed:									
Turbo fuel:									
Quantity gal.	42,777,713	141,246,140	184,023,853	1,183,457	—	1,495,247	385,572	3,064,276	187,088,129
Cost \$	7,502,420	19,202,169	26,704,589	263,958	—	331,953	93,279	689,190	27,393,779
Gasoline:									
Quantity gal.	4,367,212	104,338	4,471,550	1,342,955	2,559,026	303,625	2,630,795	6,836,401	11,307,951
Cost \$	1,224,706	32,288	1,256,994	466,134	993,032	104,591	943,098	2,506,855	3,763,849
Oil consumed:									
Turbo aircraft:									
Quantity gal.	5,305	37,152	42,457	5,956	—	7,417	—	13,373	55,830
Cost \$	41,307	363,222	404,529	8,247	—	8,040	—	16,287	420,816
Other aircraft:									
Quantity gal.	54,010	1,186	55,196	96,254	31,645	7,534	34,604	170,037	225,233
Cost \$	51,318	1,143	52,461	50,515	39,555	5,805	34,604	130,479	182,940
Average number of employees:									
Flying personnel No.	477	1,396	1,873	87	78	37	76	278	2,151
Other personnel "	2,161	10,191	12,352	370	328	238	269	1,205	13,557
Totals "	2,638	11,587	14,225	457	406	275	345	1,483	15,708
Salaries and wages paid:									
Flying personnel \$	4,796,142	13,048,768	17,844,910	564,974	775,282	300,026	561,818	2,202,100	20,047,010
Other personnel \$	11,547,882	60,105,261	71,653,143	1,400,852	1,777,098	1,127,608	1,226,764	5,532,322	77,185,465
Totals \$	16,344,024	73,154,029	89,498,053	1,965,826	2,552,380	1,427,634	1,788,582	7,734,422	97,232,475

¹ Routes included in scheduled or non-scheduled services according to predominant class of service.² Breakdown not available.³ Standard passenger weight used: 200 pounds.⁴ Except for hours flown, these data relate to transportation services only.

TABLE 4. Interline Traffic,¹ Canadian Scheduled Carriers — All Services, by Company, 1963

		Canadian Pacific Air Lines	Eastern Provincial Airways (1963)	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:								
Originated	No.	385,740	79,825	119,837	105,045	59,557	3,283,955	4,033,959
Domestic interline	"	34,201	5,007	—	—	—	599,635	681,434
Foreign interline	"	42,591	—	—	—	—	—	—
Totals ²	"	462,532	85,982	119,837	105,045	59,557	3,883,590	4,715,393
Revenue express carried:								
Originated	lb.	913,265	44,916	337,044	1,985,779	146,897	10,203,310	13,631,211
Domestic interline	"	—	—	—	—	—	—	—
Foreign interline	"	—	—	—	—	—	—	—
Totals ²	"	913,265	44,916	337,044	1,985,779	146,897	10,203,310	13,631,211
Revenue freight carried:								
Originated	"	5,650,487	6,760,602	5,584,429	—	753,977	53,263,721	72,013,216
Domestic interline	"	139,517	—	—	—	—	—	139,517
Foreign interline	"	341,158	—	—	—	—	—	341,158
Totals ²	"	6,131,162	6,760,602	5,584,429	—	753,977	53,263,721	72,493,891
Revenue excess baggage carried:								
Originated	"	..	203,594	214,192	357,261	91,317	..	866,364
Domestic interline	"	..	—	—	—	—	..	—
Foreign interline	"	..	—	—	—	—	..	—
Totals ²	"	..	203,594	214,192	357,261	91,317	..	866,364 ³
Revenue mail carried:								
Originated	"	2,363,447	1,627,419	1,882,521	1,167,664	346,900	31,702,187	39,090,138
Domestic interline	"	—	—	—	—	—	—	—
Foreign interline	"	—	—	—	—	—	—	—
Totals ²	"	2,363,447	1,627,419	1,882,521	1,167,664	346,900	31,702,187	39,090,138

¹ Includes only scheduled and non-scheduled services designated as mainline by Air Transport Board.² Excludes division interline.³ Excludes Group I Carriers.

TABLE 5. Operating Statistics, Canadian Group I Carriers — Unit Toll Services, by Area of Service, 1963

		Trans- border services	Trans- Atlantic and Polar services	Southern services	Pacific and Orient services	Total International services	Domestic services	Grand total
Revenue departures	No.	21,633	5,775	4,238	1,290	32,936	123,470	156,406
Revenue hours flown	"	30,316	22,288	11,715	8,132	72,451	143,926	216,377
Revenue miles scheduled	"	6,665,392	10,131,144	4,823,302	3,458,955	25,078,793	36,832,930	61,911,723
Revenue miles flown:								
Scheduled services:								
Regular	"	6,533,337	9,963,899	4,807,043	3,423,497	24,727,776	36,417,713	61,145,489
Extra sections	"	418,793	138,156	357,689	43,476	958,114	1,190,615	2,148,729
Non-scheduled services	"	—	—	—	—	—	628,060	628,060
Totals	"	6,952,130	10,102,055	5,164,732	3,466,973	25,685,890	38,236,388	63,922,278
Ratio of regular miles flown to miles scheduled		98.0	98.3	99.7	99.0	98.6	98.9	98.8
Revenue passengers carried	No.	...	...	...	...	1,443,725 ¹	2,905,796 ¹	4,349,521 ¹
Revenue freight carried	lb.	...	...	...	...	30,833,736 ¹	40,350,692 ¹	71,184,428 ¹
Revenue mail carried .....	"	...	...	...	...	4,680,876 ¹	29,384,758 ¹	34,065,634 ¹
Revenue passenger-miles	No.	360,097,745	642,167,088	317,288,450	182,719,114	1,502,272,397	1,990,144,124	3,492,416,521
Available seat-miles on scheduled serv- ices	"	562,824,737	1,325,836,577	673,250,536	428,797,679	2,990,709,529	3,266,418,147	6,257,127,676
Passenger load factor on scheduled serv- ices		64.0	48.4	47.1	42.6	50.2	60.9	55.8
Revenue goods ton-miles:								
Express	No.	635,369	—	—	—	635,369	3,667,011	4,002,380
Freight	"	3,039,998	10,026,177	2,849,072	3,250,776	19,166,023	21,388,077	40,554,100
Excess baggage	"	206,867	308,788	315,824	115,907	947,386	1,216,978	2,164,364
Mail	"	471,203	2,375,347	608,725	1,077,057	4,532,332	11,319,503	15,851,835
Totals	"	4,353,437	12,710,312	3,773,621	4,443,740	25,281,110	37,291,569	62,572,679
Available ton-miles on scheduled serv- ices	"	69,519,155	186,051,320	93,305,552	55,409,642	404,285,669	442,466,316	846,751,985
Weight load factor on scheduled serv- ices ²		58.1	41.3	38.0	41.0	43.4	53.1	48.5

¹ Includes division interline traffic.² Standard passenger weight used: 200 pounds.

TABLE 6. Transportation Statistics, Foreign Carriers, by Area of Service, 1963

	United States			Europe			All others			Totals		
	To	From	Total	To	From	Total	To	From	Total	To	From	Total
Revenue passengers carried:												
Unit toll transportation No.	312,996	300,617	613,613	84,454	104,653	189,107	6,770	7,849	14,619	404,220	413,119	817,339
Bulk transportation	1,709	1,631	3,340	14,910	15,365	30,275	—	—	—	16,619	16,996	33,615
Totals	314,705	302,248	616,953	99,364	120,018	219,382	6,770	7,839	14,619	420,839	430,115	850,954
Revenue freight, express and excess baggage carried:												
Unit toll transportation lb.	1,346,876	6,853,841	8,200,717	3,309,143	9,488,861	12,798,004	210,946	104,041	314,987	4,866,965	16,446,743	21,313,708
Bulk transportation	—	—	—	200,730	8,907	209,637	—	—	—	200,730	8,907	209,637
Totals	1,346,876	6,853,841	8,200,717	3,509,873	9,497,768	13,007,641	210,946	104,041	314,987	5,067,695	16,455,650	21,523,345
Mail carried (unit toll transportation)	475,606	1,138,039	1,613,645	467,721	1,200,047	1,667,768	22,122	14,261	36,383	965,449	2,352,347	3,317,796

TABLE 7. Statistical Summary of Group V Carriers, 1963

Operating Statistics	1963	Statement of Income	1963
			\$
Number of reporting carriers	293	Operating revenues:	
Bulk transportation:		Bulk transportation	4,129,291
Revenue hours flown No.	81,143	Specialty flying services	3,262,219
Revenue passengers carried "	171,942	Total flying services	7,391,510
Revenue goods carried lb.	12,012,569	Non-flying services	2,406,369
Specialty flying services:		Total operating revenues	9,797,879
Revenue hours flown:		Operating expenses:	
Flying training No.	70,260	Flying operations	4,182,970
Recreational flying "	20,675	Maintenance	1,602,289
Aerial photography and survey "	628	General services and administration	2,776,913
Aerial photography (excl. survey) "	602	Depreciation	1,318,607
Aerial pest control "	6,685	Total operating expenses	9,880,779
Aerial advertising "	28	Operating income (loss)	Dr. 82,900
Aerial patrol and inspection "	5,050	Non-operating income—Net	Dr. 72,850
Aircraft rental "	15,922	Income before income taxes	Dr. 155,750
Aerial fish cultivation "	80	Provision for income taxes	93,545
Geophysical survey	—	Net income after income taxes	Dr. 249,295
Non-transportation charter No.	147		
Other specialty flying "	848		
Total specialty flying services	120,925		
Total—All services:			
Revenue hours flown "	202,068		
Non-revenue hours flown "	12,306		

TABLE 8. Balance Sheet, Canadian Carriers, by Revenue Group, Year Ended December 31, 1963

	Scheduled carriers			Non-scheduled carriers			Grand total
	Group I	Group II	Total	Group III	Group IV	Total	
	dollars						
Assets:							
Current assets:							
Cash and special deposits	14,018,400	712,379	14,730,779	838,161	433,808	1,271,969	16,002,748
Notes and accounts receivable	29,324,607	3,887,197	33,211,804	3,384,007	2,119,493	5,503,500	38,715,304
Less: reserve for uncollectible accounts	362,000	52,467	414,467	220,329	165,310	385,639	800,106
Materials and supplies	23,083,284	1,274,561	24,357,845	2,057,064	1,716,505	3,773,569	28,131,414
Short term prepayments	853,061	555,415	1,408,476	493,665	196,870	690,535	2,099,011
Other current assets	4,455	—	4,455	163,203	586,415	749,618	754,073
Total current assets	66,921,807	6,377,085	73,298,892	6,715,771	4,887,781	11,603,552	84,902,444
Investments and special funds	7,134,276	3,796,545	10,930,821	2,564,456	521,337	3,085,793	14,016,614
Property and equipment:							
Operating	321,973,357	21,998,013	343,971,370	23,659,571	16,037,182	39,696,753	383,668,123
Less: accumulated depreciation	96,371,186	7,209,849	103,581,035	13,232,427	8,804,914	22,037,341	125,618,376
Non-operating	5,850,800	24,001	5,874,801	665,148	823,403	1,488,551	736,352
Less: accumulated depreciation	4,996,222	—	4,996,222	229,662	226,005	455,667	5,451,889
Total property and equipment	226,456,749	14,812,165	241,268,914	10,862,630	7,829,666	18,692,296	259,961,210
Deferred charges:							
Long term prepayments	66,752	35,309	102,061	17,909	71,201	89,110	191,171
Other deferred charges	2,568,731	1,526,483	4,095,214	250,061	314,871	564,732	4,659,946
Total deferred charges	2,635,483	1,561,792	4,197,275	267,970	385,872	653,842	4,851,117
Total assets	303,148,315	26,547,587	329,695,902	20,410,827	13,624,656	34,035,483	363,731,385
Liabilities:							
Current liabilities:							
Notes and accounts payable	17,192,148	2,937,933	20,130,081	4,486,688	3,434,503	7,921,191	28,051,272
Current portion of long term debt	—	1,267,813	1,267,813	1,010,190	677,144	1,687,334	2,955,147
Accrued taxes	366,468	93,339	459,807	226,459	164,768	391,227	851,034
Other current and accrued liabilities	14,480,558	416,569	14,897,127	499,538	421,663	921,201	15,818,328
Total current liabilities	32,039,174	4,715,654	36,754,828	6,222,875	4,698,078	10,920,953	47,675,781
Non-current liabilities:							
Long term debt	—	10,391,776	10,391,776	2,767,442	2,661,839	5,429,281	15,821,057
Other non-current liabilities	254,684,311	109,883	254,794,194	2,595,820	519,762	3,115,582	257,909,776
Total non-current liabilities	254,684,311	10,501,659	265,185,970	5,363,262	3,181,601	8,544,863	273,730,833
Deferred credits	162,943	—	162,943	96,540	354,769	451,309	614,252
Reserves	5,981,829	1,498,810	7,480,639	951,821	103,839	1,055,660	8,536,299
Capital stock and surplus:							
Capital stock issued and outstanding:							
Preferred	9,750,000	4,669,975	14,419,975	1,443,942	1,201,270	2,645,212	17,065,187
Common	18,000,000	1,211,215	19,211,215	1,594,920	1,307,933	2,902,853	22,114,068
Other paid-in capital	—	Dr. 77,356	Dr. 77,356	1,094,164	130,896	1,225,060	1,147,704
Unappropriated surplus	Dr. 17,469,942	4,027,630	Dr. 13,442,312	3,643,303	2,646,270	6,289,573	Dr. 7,152,739
Total capital stock and surplus	10,280,058	9,831,464	20,111,522	7,776,329	5,286,369	13,062,698	33,174,220
Total liabilities	303,148,315	26,547,587	329,695,902	20,410,827	13,624,656	34,035,483	363,731,385

TABLE 9. Balance Sheet, Canadian Scheduled Carriers, by Company, Year Ended December 31, 1963

	Canadian Pacific Air Lines	Eastern Provincial Airways (1963)	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
	dollars						
Assets:							
Current assets:							
Cash	8,722,689	68,540	5,180	153,321	27,329	5,231,744	14,208,803
Special deposits	—	455,459	2,550	—	—	63,967	521,976
Notes and accounts receivable:							
Governments	—	278,220	624,026	144,992	435,232	3,178,259	4,660,729
General traffic	5,080,000	692,367	397,768	159,560	—	11,761,538	18,091,233
Associated companies	1,071,732	691,535	—	—	1,575	478,324	2,243,166
Company personnel	13,181	20,151	30,108	7,289	10,161	754,404	835,294
Other	1,883,292	10,933	1,462	2,328	379,490	5,103,877	7,381,382
Total notes and accounts receivable	8,048,205	1,693,206	1,053,364	314,169	826,458	21,276,402	33,211,804
Less: reserve for uncollectible accounts	140,000	21,580	7,007	—	23,880	222,000	414,467
Materials and supplies	2,500,151	659,449	342,881	32,801	239,430	20,583,133	24,357,845
Short term prepayments	420,594	402,439	117,952	4,384	30,640	432,467	1,408,476
Other current assets	—	—	—	—	—	4,455	4,455
Total current assets	19,551,639	3,257,513	1,514,920	504,675	1,099,977	47,370,168	73,298,892
Investments and special funds:							
Investments in associated companies	8,629	3,708,000	—	—	82,185	3,470	3,802,284
Other investments	1,114,111	—	6,360	—	—	—	1,120,471
Special funds	26,237	—	—	—	—	5,981,829	6,008,066
Total investments and special funds	1,148,977	3,708,000	6,360	—	82,185	5,985,299	10,930,821
Property and equipment:							
Operating	24,626,818	6,629,139	5,668,324	4,961,686	4,738,864	297,346,539	343,971,370
Less: accumulated depreciation	12,738,403	206,364	2,958,841	2,015,770	2,028,874	83,632,783	103,581,035
Non-operating	—	—	—	24,001	—	5,850,800	5,874,801
Less: accumulated depreciation	—	—	—	—	—	4,996,222	4,996,222
Total property and equipment	11,888,415	6,422,775	2,709,483	2,969,917	2,709,990	214,568,334	241,268,914
Deferred charges:							
Long term prepayments	—	—	35,309	—	—	66,752	102,061
Developmental and pre-operating costs	1,209,415	146,595	—	45,260	—	1,351,622	2,752,892
Unamortized discount and expense on debt ..	—	—	18,042	16,311	—	—	34,353
Property acquisition adjustment	—	—	—	—	—	—	—
Other intangibles	—	—	1,274,593	25,682	—	—	1,300,275
Other deferred charges	7,694	—	—	—	—	—	7,694
Total deferred charges	1,217,109	146,595	1,327,944	87,253	—	1,418,374	4,197,275
Total assets	33,806,140	13,534,883	5,558,707	3,561,845	3,892,152	269,342,175	329,695,902
Liabilities:							
Current liabilities:							
Notes and accounts payable:							
Current notes payable	—	365,881	521,019	10,413	—	—	897,313
Accounts payable—General	1,671,509	750,252	607,995	220,767	430,091	2,035,973	5,716,587
Collections as agents—Traffic	2,335,246	—	11,735	—	19,780	6,851,810	9,218,571
Other	375,576	—	—	—	—	444,606	820,182
Associated companies	859,386	—	—	—	—	2,618,042	3,477,428
Current portion of long term debt	—	500,000	512,313	—	255,500	—	1,267,813
Total notes and accounts payable	5,241,717	1,616,133	1,653,062	231,180	705,371	11,950,431	21,397,894
Accrued salaries and wages	763,787	—	116,607	50,684	91,559	1,205,572	2,228,209
Accrued taxes	13,733	—	448	—	92,891	352,735	459,807
Dividends payable	—	—	—	—	118	—	118
Air travel plan liability	—	—	—	—	—	1,782,875	1,782,875
Unearned transportation revenue	2,774,524	34,822	32,756	—	21,661	5,031,392	7,895,155
Other current liabilities	2,883,942	—	67,159	—	1,203	38,466	2,990,770
Total current liabilities	11,677,703	1,650,955	1,870,032	281,864	912,803	20,361,471	36,754,828
Non-current liabilities:							
Long term debt	—	5,509,759	1,339,298	2,531,054	1,011,665	—	10,391,776
Advances from associated companies	7,489,455	26,213	—	—	83,670	237,471,000	245,070,338
Pension liability	—	—	—	—	—	—	—
Other non-current liabilities	9,723,856	—	—	—	—	—	9,723,856
Total non-current liabilities	17,213,311	5,535,972	1,339,298	2,531,054	1,095,335	237,471,000	265,185,970
Deferred credits:							
Unamortized premium on debt	—	—	—	—	—	—	—
Other deferred credits	162,943	—	—	—	—	—	162,943
Total deferred credits	162,943	—	—	—	—	—	162,943
Reserves:							
Reserve for major overhauls	—	206,043	229,308	—	1,061,536	—	1,496,887
Reserve for self-insurance	—	—	1,923	—	—	5,981,829	5,983,752
Other reserves	—	—	—	—	—	—	—
Total reserves	—	206,043	231,231	—	1,061,536	5,981,829	7,480,639
Capital stock and surplus:							
Capital stock issued and outstanding:							
Preferred	9,750,000	3,263,800	1,158,950	47,225	200,000	—	14,419,975
Common	13,000,000	998	356,494	500,000	353,723	5,000,000	19,211,215
Capital stock subscribed and unissued	—	—	—	Dr. 99,745	—	—	Dr. 99,745
Other paid in capital	—	—	—	22,389	—	—	22,389
Unappropriated surplus	Dr. 17,997,817	2,877,115	602,702	279,058	268,755	527,875	Dr. 13,442,312
Total capital stock and surplus	4,752,183	6,141,913	2,118,146	748,927	822,478	5,527,875	20,111,522
Total liabilities	33,806,140	13,534,883	5,558,707	3,561,845	3,892,152	269,342,175	329,695,902

**TABLE 10. Property and Equipment and Accumulated Depreciation, Canadian Carriers, by Revenue Group,
Year Ended December 31, 1963**

No.		Cost		
		Beginning of year	Additions	Retirements
		dollars		
		Group I and II Carriers		
	Operating property and equipment:			
1	Flight equipment	240,058,124	35,092,254	13,377,357
2	Ground equipment	33,039,051	2,350,816	1,034,914
3	Buildings and other improvements	45,225,724	690,648	408,766
4	Total flight and ground property and equipment	318,322,899	38,133,718	14,821,037
5	Land	56,910	41	2,251
6	Construction work in progress	16,804,112	Dr. 7,784,174	1,767,430
7	Total operating property and equipment	335,183,921	30,349,585	16,590,718
8	Non-operating property and equipment	4,783,285	—	6,412,167
9	Total property and equipment	339,967,206	30,349,585	23,002,885
		Group III Carriers		
	Operating property and equipment:			
10	Flight equipment	19,176,997	2,921,516	3,115,688
11	Ground equipment	1,656,817	134,430	56,304
12	Buildings and other improvements	3,071,109	62,596	84,362
13	Total flight and ground property and equipment	23,904,923	3,118,542	3,256,354
14	Land	190,488	2,250	—
15	Construction work in progress	3,460	Dr. 3,460	—
16	Total operating property and equipment	24,098,871	3,117,332	3,256,354
17	Non-operating property and equipment	362,655	11,089	1,824
18	Total property and equipment	24,461,526	3,128,421	3,258,178
		Group IV Carriers		
	Operating property and equipment:			
19	Flight equipment	11,441,292	2,417,050	1,943,075
20	Ground equipment	1,143,016	200,615	71,238
21	Buildings and other improvements	1,900,528	449,780	109,676
22	Total flight and ground property and equipment	14,484,836	3,067,445	2,123,989
23	Land	227,483	17,537	2,000
24	Construction work in progress	209,314	11,524	—
25	Total operating property and equipment	14,921,633	3,096,506	2,125,989
26	Non-operating property and equipment	672,389	44,666	14,700
27	Total property and equipment	15,594,022	3,141,172	2,140,689

**TABLE 10. Property and Equipment and Accumulated Depreciation, Canadian Carriers, by Revenue Group,
Year Ended December 31, 1963**

Cost				Accumulated depreciation					No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year	End of year		
Debit	Credit			Debit	Credit				
dollars									
Group I and II Carriers									
2,897,094	7,550,728	257,119,387	68,864,356	5,821,153	Dr. 5,472,694	21,645,842	79,216,351	1	
14,112	447,889	33,921,176	13,046,085	1,284,280	8,678	3,316,881	15,087,364	2	
246,142	106,149	45,647,599	7,966,847	481,431	50	1,791,853	9,277,319	3	
3,157,348	8,104,766	336,688,162	89,877,288	7,586,864	Dr. 5,463,966	26,754,576	103,581,034	4	
—	—	54,700	—	—	—	—	—	5	
—	—	7,252,508	—	—	—	—	—	6	
3,157,348	8,104,766	343,995,370	89,877,288	7,586,864	Dr. 5,463,966	26,754,576	103,581,034	7	
7,479,682	—	5,850,800	4,575,742	5,704,322	5,552,459	572,343	4,996,222	8	
10,637,030	8,104,766	349,846,170	94,453,030	13,291,186	88,493	27,326,919	108,577,256	9	
Group III Carriers									
64,510	66,401	18,980,934	10,662,822	1,367,767	27,672	1,699,161	11,021,888	10	
3,554	2,897	1,735,600	1,072,873	43,460	—	182,270	1,211,683	11	
7	—	3,049,350	1,022,501	54,976	2	165,386	1,132,913	12	
68,071	69,298	23,765,884	12,758,196	1,466,203	27,674	2,046,817	13,366,484	13	
—	—	192,738	—	—	—	—	—	14	
—	—	—	—	—	—	—	—	15	
68,071	69,298	23,958,622	12,758,196	1,466,203	27,674	2,046,817	13,366,484	16	
—	—	371,920	73,303	1,874	—	24,179	95,608	17	
68,071	69,298	24,330,542	12,831,499	1,468,077	27,674	2,070,996	13,462,092	18	
Group IV Carriers									
196,416	127,207	11,984,476	7,501,247	1,459,760	368,914	963,285	7,373,686	19	
12,527	1,767	1,283,153	693,303	27,899	12,567	116,894	794,865	20	
220,976	4,179	2,457,429	680,303	53,621	5,159	70,301	702,142	21	
429,919	133,153	15,725,058	8,874,853	1,541,280	386,640	1,150,480	8,870,693	22	
—	—	243,020	—	—	—	—	—	23	
—	—	220,838	—	—	—	—	—	24	
429,919	133,153	16,188,916	8,874,853	1,541,280	386,640	1,150,480	8,870,693	25	
—	—	702,355	145,823	191	50	37,925	183,607	26	
429,919	133,153	16,891,271	9,020,676	1,541,471	386,690	1,188,405	9,054,300	27	

**TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1963**

No.		Cost		
		Beginning of year	Additions	Retirements
		dollars		
		Canadian Pacific Air Lines		
	Operating property and equipment:			
	Flight equipment:			
1	Airframes	9,374,731	123,594	1,108,833
2	Aircraft engines	2,280,005	—	261,333
3	Aircraft propellers	435,903	—	45,000
4	Aircraft communications and navigational equipment	382,218	—	35,015
5	Miscellaneous flight equipment	407,662	531	1,432
6	Flight equipment, spare parts and assemblies	5,075,296	145,037	186,048
7	Total flight equipment, spare parts and assemblies	17,955,815	269,162	1,637,661
	Ground property and equipment:			
8	Ramp equipment	1,050,358	96,391	2,484
9	Communications and meteorological equipment	50,070	—	960
10	Maintenance and engineering equipment	1,704,026	116,373	10,806
11	Surface transport vehicles and equipment	122,040	58,972	22,369
12	Furniture, fixtures and office equipment	445,394	96,973	763
13	Miscellaneous ground equipment	1,172,967	16,684	3,728
14	Buildings and other improvements	3,208,071	5,194	65,007
15	Total operating ground property and equipment	7,752,926	390,587	106,117
16	Land	2,107	—	1
17	Construction work in progress	—	—	—
18	Total operating property and equipment	25,710,848	659,749	1,743,779
19	Non-operating property and equipment	270,349	—	270,349
20	Total property and equipment	25,981,197	659,749	2,014,128
		Eastern Provincial Airways (1963)		
	Operating property and equipment:			
	Flight equipment:			
21	Airframes	4,092,201	—	2,560,108
22	Aircraft engines	719,227	—	14,288
23	Aircraft propellers	74,817	36,828	—
24	Aircraft communications and navigational equipment	243,211	27,353	—
25	Miscellaneous flight equipment	97,815	—	95,361
26	Flight equipment spare parts and assemblies	302,723	—	79,120
27	Total flight equipment	5,529,994	64,181	2,748,877
	Ground property and equipment:			
28	Ramp equipment	105,018	11,436	—
29	Communications and meteorological equipment	104,179	1,492	—
30	Maintenance and engineering equipment	40,839	130,708	—
31	Surface transport vehicles and equipment	65,504	—	7,532
32	Furniture, fixtures and office equipment	129,972	6,937	—
33	Miscellaneous ground equipment	217,697	—	94,558
34	Buildings and other improvements	898,698	—	291,683
35	Total operating ground property and equipment	1,561,907	150,573	393,773
36	Land	4,729	—	2,250
37	Construction work in progress	1,767,430	—	1,767,430
38	Total operating property and equipment	8,864,060	214,754	4,912,330
39	Non-operating property and equipment	17,591	—	17,591
40	Total property and equipment	8,881,651	214,754	4,929,921

**TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1963**

Cost		Accumulated depreciation							No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year		End of year	
Debit	Credit			Debit	Credit	Rate	Amount		
dollars									
Canadian Pacific Air Lines									
—	—	8,389,492	5,275,637	942,508	—	8.5	592,482	4,925,611	1
—	—	2,018,672	1,481,694	187,518	—	8.5	110,397	1,404,573	2
—	—	390,903	228,419	34,318	—	8.5	32,220	226,321	3
—	—	347,203	229,195	29,763	—	8.5	22,931	222,363	4
—	—	406,761	151,452	692	—	8.5	33,696	184,456	5
—	—	5,034,285	1,748,624	132,314	—	10.0	516,160	2,132,470	6
—	—	16,587,316	9,115,021	1,327,113	—	...	1,307,886	9,095,794	7
—	—	1,144,265	312,974	2,220	—	10.0	103,016	413,770	8
—	—	49,110	50,070	960	—	—	—	49,110	9
—	—	1,809,593	912,551	10,806	—	10.0	158,349	1,060,094	10
—	—	158,643	66,725	19,454	—	10.0	21,956	69,227	11
—	—	541,604	304,172	522	—	10.0	45,583	349,233	12
—	—	1,185,923	594,560	3,728	—	10.0	106,767	697,599	13
—	—	3,148,258	958,771	64,206	—	10.0 40.0	109,011	1,003,576	14
—	—	8,037,396	3,199,823	101,896	—	...	544,682	3,642,609	15
—	—	2,106	—	—	—	—	—	—	16
—	—	—	—	—	—	—	—	—	17
—	—	24,626,818	12,314,844	1,429,009	—	—	1,852,568	12,738,403	18
—	—	—	211,677	216,719	—	8.5	5,042	—	19
—	—	24,626,818	12,526,521	1,645,728	—	...	1,857,610	12,738,403	20
Eastern Provincial Airways (1963)									
1,825,307	—	3,357,400	1,668,059	1,668,059	—	..	104,469	104,469	21
88,061	—	793,000	344,967	344,967	—	..	24,754	24,754	22
13,355	—	125,000	38,578	38,578	—	..	3,870	3,870	23
205,436	—	476,000	177,077	177,077	—	..	14,978	14,978	24
—	1,555	899	82,867	82,867	—	..	22	22	25
625,834	—	849,437	136,748	136,748	—	..	25,483	25,483	26
2,757,993	1,555	5,601,736	2,448,296	2,448,296	—	...	173,576	173,576	27
—	67,001	49,453	63,893	63,893	—	..	4,121	4,121	28
—	74,055	31,616	60,356	60,356	—	..	2,108	2,108	29
—	114,790	56,757	15,329	15,329	—	..	3,784	3,784	30
—	39,041	18,931	35,056	35,056	—	..	1,577	1,577	31
—	73,900	63,009	70,634	70,634	—	..	4,198	4,198	32
3,395	68,176	58,358	144,908	144,908	—	..	4,552	4,552	33
245,933	106,149	746,799	373,943	373,943	—	..	12,447	12,447	34
249,328	543,112	1,024,923	764,119	764,119	—	...	32,787	32,787	35
—	—	2,479	—	—	—	—	—	—	36
—	—	—	—	—	—	—	—	—	37
3,007,321	544,667	6,629,138	3,212,415	3,212,415	—	—	206,363	206,363	38
—	—	—	15,193	15,193	—	..	—	—	39
3,007,321	544,667	6,629,138	3,227,608	3,227,608	—	...	206,363	206,363	40

**TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1963 — Continued**

No.		Cost		
		Beginning of year	Additions	Retirements
		dollars		
		Pacific Western Airlines		
	Operating property and equipment:			
	Flight equipment:			
1	Airframes	3,188,919	119,842	362,927
2	Aircraft engines	813,062	10,967	81,366
3	Aircraft propellers	—	—	—
4	Aircraft communications and navigational equipment	161,172	5,288	13,256
5	Miscellaneous flight equipment	25,937	679	—
6	Flight equipment, spare parts and assemblies	625,054	17,797	13,108
7	Total flight equipment	4,813,144	154,573	470,657
	Ground property and equipment:			
8	Ramp equipment	—	—	—
9	Communications and meteorological equipment	141,712	2,608	—
10	Maintenance and engineering equipment	166,155	7,094	187
11	Surface transport vehicles and equipment	110,869	7,132	4,977
12	Furniture, fixtures and office equipment	154,320	781	3,056
13	Miscellaneous ground equipment	107,573	—	1,486
14	Buildings and other improvements	236,659	280,386	42,634
15	Total operating ground property and equipment	917,688	298,001	52,340
16	Land	1,352	—	—
17	Construction work in progress	3,276	Dr. 2,279	—
18	Total operating property and equipment	5,735,460	450,295	522,997
19	Non-operating property and equipment	—	—	—
20	Total property and equipment	5,735,460	450,295	522,997
		Quebecair Inc.		
	Operating property and equipment:			
	Flight equipment:			
21	Airframes	2,701,889	14,282	—
22	Aircraft engines	152,056	—	—
23	Aircraft propellers	107,634	—	—
24	Aircraft communications and navigational equipment	209,499	14,707	8,814
25	Miscellaneous flight equipment	16,343	3,361	1,209
26	Flight equipment, spare parts and assemblies	349,383	69,376	—
27	Total flight equipment	3,536,809	101,726	10,023
	Ground property and equipment:			
28	Ramp equipment	205,330	2,263	1,066
29	Communications and meteorological equipment	71,338	2,607	2,772
30	Maintenance and engineering equipment	128,742	27,706	9,716
31	Surface transport vehicles and equipment	26,367	3,058	1,733
32	Furniture, fixtures and office equipment	119,750	8,674	3,386
33	Miscellaneous ground equipment	18,273	7,127	2,297
34	Buildings and other improvements	727,906	5,003	—
35	Total operating ground property and equipment	1,297,706	56,438	20,970
36	Land	24,001	—	—
37	Construction work in progress	—	—	—
38	Total operating property and equipment	4,858,516	158,164	30,993
39	Non-operating property and equipment	—	—	—
40	Total property and equipment	4,858,516	158,164	30,993

**TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1963 — Continued**

Cost		Accumulated depreciation							No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year		End of year	
Debit	Credit			Debit	Credit	Rate	Amount		
dollars									
Pacific Western Airlines									
—	—	2,945,834	1,867,349	297,021	—	..	167,965	1,738,293	1
—	—	742,663	95,526	14,543	—	..	29,823	110,806	2
—	—	—	—	—	—	..	—	—	3
—	—	153,204	84,974	6,330	—	..	17,105	95,749	4
—	—	26,616	14,605	—	—	..	2,681	17,286	5
5,566	—	634,309	305,282	8,464	—	..	86,138	382,956	6
5,566	—	4,502,626	2,367,736	326,358	—	...	303,712	2,345,090	7
—	—	—	—	—	—	—	—	—	8
—	—	144,320	82,659	—	—	..	12,634	95,293	9
—	—	173,462	115,452	63	—	..	13,970	129,359	10
—	—	113,024	91,029	2,985	—	..	8,782	96,826	11
—	—	152,045	101,262	1,862	—	..	10,770	110,170	12
—	—	106,087	54,592	1,486	—	..	8,438	61,544	13
—	—	474,411	126,709	35,914	—	..	29,764	120,559	14
—	—	1,163,349	571,703	42,310	—	...	84,358	613,751	15
—	—	1,352	—	—	—	—	—	—	16
—	—	997	—	—	—	—	—	—	17
5,566	—	5,668,324	2,939,439	368,668	—	...	388,070	2,958,841	18
—	—	—	—	—	—	—	—	—	19
5,566	—	5,668,324	2,939,439	368,668	—	...	388,070	2,958,841	20
Quebecair Inc.									
—	—	2,716,171	1,226,171	124,723	—	10.0	256,277	1,357,725	21
—	—	152,056	64,268	10,000	—	10.0	14,675	68,943	22
—	—	107,634	—	—	—	—	—	—	23
—	299	215,093	81,651	1,830	—	10.0	21,377	101,198	24
299	—	18,799	6,471	950	60	10.0	1,672	7,253	25
—	—	418,759	—	—	—	—	—	—	26
299	299	3,628,512	1,378,561	137,503	60	...	294,001	1,535,119	27
10,450	—	216,977	98,049	278	8,558	10.0	17,526	123,855	28
—	72	71,101	36,537	2,134	—	10.0	5,932	40,335	29
—	210	146,522	58,289	3,225	—	10.0	14,077	69,141	30
—	10,450	17,242	10,946	8,818	—	15.0	2,586	4,714	31
—	194	124,844	47,911	2,039	—	10.0	12,244	58,116	32
267	—	23,370	7,076	926	120	10.0	2,337	8,607	33
209	—	733,118	143,694	—	50	5.0	32,139	175,883	34
10,926	10,926	1,333,174	402,502	17,420	8,728	...	86,841	480,651	35
—	—	24,001	—	—	—	—	—	—	36
—	—	—	—	—	—	—	—	—	37
11,225	11,225	4,985,687	1,781,063	154,923	8,788	—	380,842	2,015,770	38
—	—	—	—	—	—	—	—	—	39
11,225	11,225	4,985,687	1,781,063	154,923	8,788	...	380,842	2,015,770	40

**TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1963 — Concluded**

No.		Cost		
		Beginning of year	Additions	Retirements
		dollars		
		Transair Ltd.		
	Operating property and equipment:			
	Flight equipment:			
1	Airframes	2, 193, 812	11, 630	18, 009
2	Aircraft engines	909, 499	29, 882	28, 613
3	Aircraft propellers	—	—	—
4	Aircraft communications and navigational equipment	108, 168	8, 393	312
5	Miscellaneous flight equipment	28, 592	—	2, 874
6	Flight equipment, spare parts and assemblies	125, 000	—	—
7	Total flight equipment	3, 365, 071	49, 905	49, 808
	Ground property and equipment:			
8	Ramp equipment	—	—	—
9	Communications and meteorological equipment	73, 278	2, 782	—
10	Maintenance and engineering equipment	164, 267	14, 338	685
11	Surface transport vehicles and equipment	93, 872	2, 853	1, 975
12	Furniture, fixtures, and office equipment	88, 829	6, 618	2, 142
13	Miscellaneous ground equipment	1, 750	1, 886	—
14	Buildings and other improvements	840, 099	8, 562	9, 442
15	Total operating ground property and equipment	1, 262, 095	37, 039	14, 244
16	Land	24, 721	41	—
17	Construction work in progress	—	—	—
18	Total operating property and equipment	4, 651, 887	86, 985	64, 052
19	Non-operating property and equipment	—	—	—
20	Total property and equipment	4, 651, 887	86, 985	64, 052
		Trans-Canada Air Lines		
	Operating property and equipment:			
	Flight equipment:			
21	Airframes	147, 323, 453	25, 491, 550	6, 686, 134
22	Aircraft engines	37, 043, 610	5, 598, 428	1, 141, 386
23	Aircraft propellers	3, 403, 820	—	11, 386
24	Aircraft communications and navigational equipment	3, 612, 415	399, 175	102, 047
25	Miscellaneous flight equipment	75, 178	—	—
26	Flight equipment, spare parts and assemblies	13, 398, 815	2, 963, 554	519, 368
27	Total flight equipment	204, 857, 291	34, 452, 707	8, 460, 331
	Ground property and equipment:			
28	Ramp equipment	6, 254, 453	675, 754	117, 646
29	Communications and meteorological equipment	4, 174, 432	187, 880	64, 395
30	Maintenance and engineering equipment	8, 755, 599	558, 824	426, 763
31	Surface transport vehicles and equipment	348, 605	79, 070	75, 615
32	Furniture, fixtures and office equipment	2, 623, 077	170, 624	49, 389
33	Miscellaneous ground equipment	4, 001, 996	45, 171	122, 428
34	Buildings and other improvements	39, 314, 291	391, 503	—
35	Total operating ground property and equipment	65, 472, 453	2, 108, 826	856, 236
36	Land	—	—	—
37	Construction work in progress	15, 033, 406	Dr. 7, 781, 895	—
38	Total operating property and equipment	285, 363, 150	28, 779, 638	9, 316, 567
39	Non-operating property and equipment	4, 495, 345	—	6, 124, 227
40	Total property and equipment	289, 858, 495	28, 779, 638	15, 440, 794

**TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1963 — Concluded**

Cost		Accumulated depreciation							No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year		End of year	
Debit	Credit			Debit	Credit	Rate	Amount		
dollars									
Transair Ltd.									
52,397	69,192	2,170,638	943,369	66,204	—	..	180,143	1,057,308	1
25,573	—	936,341	90,995	12,494	25,340	..	—	103,841	2
—	—	—	—	—	—	..	—	—	3
—	—	116,249	71,765	307	—	..	17,919	89,377	4
55,266	—	80,984	19,575	2,651	54,365	..	3,968	75,257	5
—	—	125,000	—	—	—	..	—	—	6
133,236	69,192	3,429,212	1,125,704	81,656	79,705	...	202,030	1,325,783	7
—	—	—	—	—	—	—	—	—	8
—	—	76,060	50,275	—	—	..	6,446	56,721	9
—	—	177,920	98,968	334	—	..	15,928	114,562	10
—	—	94,750	81,289	1,875	—	..	4,631	84,045	11
—	—	93,305	59,859	1,331	—	..	7,038	65,566	12
—	—	3,636	525	—	—	..	933	1,458	13
—	—	839,219	336,934	7,368	—	..	51,173	380,739	14
—	—	1,284,890	627,850	10,908	—	...	86,149	703,091	15
—	—	24,762	—	—	—	—	—	—	16
—	—	—	—	—	—	—	—	—	17
133,236	69,192	4,738,864	1,753,554	92,564	79,705	...	288,179	2,028,874	18
—	—	—	—	—	—	—	—	—	19
133,236	69,192	4,738,864	1,753,554	92,564	79,705	...	288,179	2,028,874	20
Trans-Canada Air Lines									
—	5,993,426	160,535,443	37,188,922	875,922	Dr. 4,304,786	..	13,192,766	45,200,980	21
—	1,122,128	40,378,514	9,468,300	196,069	Dr. 941,998	..	3,781,468	12,111,701	22
—	142,400	3,250,034	886,574	13,997	Dr. 119,540	..	337,748	1,090,785	23
—	221,728	3,687,815	1,195,855	30,484	Dr. 186,135	..	441,523	1,420,759	24
—	—	75,178	12,953	—	—	..	6,633	19,586	25
—	—	15,843,001	3,676,434	383,755	—	..	1,604,499	4,897,178	26
—	7,479,682	223,369,985	52,429,038	1,500,227	Dr. 5,552,459	...	19,364,637	64,740,989	27
—	—	6,812,561	2,231,225	110,010	—	..	641,936	2,763,151	28
—	—	4,297,917	496,057	62,873	—	..	592,400	1,025,584	29
—	—	8,887,660	4,378,583	418,374	—	..	891,643	4,851,852	30
—	—	352,060	248,045	67,049	—	..	69,433	250,429	31
—	—	2,744,312	982,598	50,707	—	..	188,186	1,120,077	32
—	—	3,924,739	1,083,631	120,045	—	..	333,000	1,296,586	33
—	—	39,705,794	6,026,796	—	—	..	1,557,319	7,584,115	34
—	—	66,725,043	15,446,935	829,058	—	...	4,273,917	18,891,794	35
—	—	—	—	—	—	—	—	—	36
—	—	7,251,511	—	—	—	—	—	—	37
—	7,479,682	297,346,539	67,875,973	2,329,285	Dr. 5,552,459	...	23,638,554	83,632,783	38
7,479,682	—	5,850,800	4,348,872	5,472,410	5,552,459	—	567,301	4,996,222	39
7,479,682	7,479,682	303,197,339	72,224,845	7,801,695	—	...	24,205,855	88,629,005	40

TABLE 12. Statement of Income, Canadian Carriers — All Services, by Revenue Group, Year Ended December 31, 1963

	Scheduled carriers			Non-scheduled carriers			Grand total	Grand total 1962
	Group I	Group II ¹	Total	Group III ¹	Group IV	Total		
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	212,616,533	10,142,534	222,759,067	2,593,915	325,755	2,919,670	225,678,737	211,140,012
Express	3,704,814	541,513	4,246,327	98,662	38,235	136,897	4,383,224	4,348,518
Freight	11,587,520	1,830,000	13,417,520	958,660	37,327	995,987	14,413,507	12,368,042
Excess baggage	1,313,238	205,313	1,518,551	54,017	6,536	60,553	1,579,104	1,525,865
Mail	13,651,910	1,602,139	15,254,049	489,779	68,470	558,249	15,812,298	14,414,876
Total unit toll transportation	242,874,015	14,321,499	257,195,514	4,195,033	476,323	4,671,356	261,866,870	243,797,313
Bulk transportation	9,635,869	6,318,828	15,954,697	13,103,887	7,932,058	21,035,945	36,990,642	27,993,791
Total transportation	252,509,884	20,640,327	273,150,211	17,298,920	8,408,381	25,707,301	298,857,512	271,791,104
Other flying services	77,794	347,736	425,530	2,656,401	1,767,554	4,423,955	4,849,485	7,321,735
Total flying services	252,587,678	20,988,063	273,575,741	19,955,321	10,175,935	30,131,256	303,706,997	279,112,839
Non-flying services	2,943,395	248,910	3,192,305	709,306	1,227,305	1,936,611	5,128,916	5,505,482
Total operating revenues	255,531,073	21,236,973	276,768,046	20,664,627	11,403,240	32,067,867	308,835,913	284,618,321
Operating expenses:								
Flying operations	63,021,703	7,138,090	70,159,793	8,131,361	4,469,015	12,600,376	82,760,169	76,222,337
Maintenance	48,287,190	5,550,364	53,837,554	5,575,225	2,847,527	8,422,752	62,260,306	61,146,028
General services and administration:								
Passenger service	18,452,783	549,066	19,001,849	..	..	..	..	..
Aircraft and traffic servicing	35,008,918	2,846,108	37,855,026	..	..	..	..	..
Promotion and sales	39,688,000	1,461,203	41,149,203	..	..	..	..	..
General administration	10,470,296	1,384,408	11,854,704	..	..	..	..	..
Totals	103,619,997	6,240,785	109,860,782	3,829,051	2,187,339	6,016,390	115,877,172	108,670,365
Depreciation and amortization	28,690,256	1,334,188	30,024,444	2,045,536	1,174,543	3,220,079	33,244,523	31,295,214
Total operating expenses	243,619,146	20,263,427	263,882,573	19,581,173	10,678,424	30,259,597	294,142,170	277,333,944
Operating income (loss)	11,911,927	973,546	12,885,473	1,083,454	724,816	1,808,270	14,693,743	7,284,377
Non-operating income — Net:								
Capital gains and losses	294,268	Dr. 1,087,361	Dr. 793,093	426,898	135,288	562,186	Dr. 230,907	Dr. 75,856
Interest and discounts	1,414,431	4,946	1,419,377	27,916	9,544	37,460	1,456,837	1,753,421
Miscellaneous non-operating income	126,411	36,519	162,930	Dr. 66,530	115,058	48,528	211,458	Dr. 586,031
Income before interest expense	13,747,037	Dr. 72,350	13,674,687	1,471,738	984,706	2,456,444	16,131,131	8,375,911
Interest expense	12,872,522	640,585	13,513,107	418,472	316,903	735,375	14,248,482	12,848,478
Income before income taxes	874,515	Dr. 712,935	161,580	1,053,266	667,803	1,721,069	1,882,649	Dr. 4,472,567
Provision for income taxes	—	115,425	115,425	244,892	132,272	377,164	492,589	124,760
Net income after income taxes	874,515	Dr. 828,360	46,155	808,374	535,531	1,343,905	1,390,060	Dr. 4,597,327

¹ Nordair Ltd. included with Group III carriers for purposes of this report.

TABLE 13. Statement of Income, Canadian Scheduled Carriers — All Services, by Company, Year Ended December 31, 1963

	Canadian Pacific Air Lines	Eastern Provincial Airways (1963)	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans-Canada Air Lines	Total	Total 1962
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	44,963,159	2,191,923	2,956,118	2,968,832	2,025,661	167,653,374	222,759,067	206,825,056
Express	204,968	404,441	115,103	—	21,969	3,499,846	4,246,327	4,172,328
Freight	2,839,888	433,368	731,057	400,723	264,852	8,747,632	13,417,520	11,275,074
Excess baggage	415,670	43,675	72,028	69,684	19,926	897,568	1,518,551	1,412,317
Mail	2,709,308	633,897	521,774	144,081	302,387	10,942,602	15,254,049	13,625,995
Total unit toll transportation	51,132,993	3,707,304	4,396,080	3,583,320	2,634,795	191,741,022	257,195,514	237,311,770
Bulk transportation	4,122,988	1,465,396	1,835,955	40,987	2,976,490	5,512,881	15,954,697	9,264,439
Total transportation	55,255,981	5,172,700	6,232,035	3,624,307	5,611,285	197,253,903	273,150,211	246,576,209
Other flying services	—	343,495	—	—	4,241	77,794	425,530	29,693
Total flying services	55,255,981	5,516,195	6,232,035	3,624,307	5,615,526	197,331,697	273,575,741	246,605,902
Non-flying services	884,802	131,010	58,473	30,180	29,247	2,058,593	3,192,305	3,045,439
Total operating revenues	56,140,783	5,647,205	6,290,508	3,654,487	5,644,773	199,390,290	276,768,046	249,651,341
Operating expenses:								
Flying operations	20,247,740	2,012,366	2,182,433	1,011,813	1,931,478	42,773,963	70,159,793	62,058,301
Maintenance	9,044,972	1,493,021	1,377,789	924,274	1,755,280	39,242,218	53,837,554	51,603,045
General services and administration:								
Passenger service	4,910,039	132,764	157,193	68,352	190,757	13,542,744	19,001,849	18,308,377
Aircraft and traffic servicing	6,263,787	902,402	1,321,341	323,844	298,521	28,745,131	37,855,026	35,322,181
Promotion and sales	10,398,368	178,292	229,407	606,986	446,518	29,289,632	41,149,203	37,257,534
General administration	2,247,569	385,660	381,601	321,934	295,213	8,222,727	11,854,704	11,027,847
Totals	23,819,763	1,599,118	2,089,542	1,321,116	1,231,009	79,800,234	109,860,782	101,915,939
Depreciation and amortization	2,384,907	223,955	392,078	380,842	337,313	26,305,349	30,024,444	27,761,613
Total operating expenses	55,497,382	5,328,460	6,041,842	3,638,045	5,255,080	188,121,764	263,882,573	243,338,898
Operating income (loss)	643,401	318,745	248,666	16,442	389,693	11,268,526	12,885,473	6,312,443
Non-operating income — Net:								
Capital gains and losses	346,640	Dr. 1,217,631	12,043	99,174	19,053	Dr. 52,372	Dr. 793,093	Dr. 344,212
Interest and discounts	610,727	3,720	—	400	826	803,704	1,419,377	1,693,428
Miscellaneous non-operating income	Dr. 119	35,817	13,320	Dr. 8,052	Dr. 4,566	126,530	162,930	Dr. 624,027
Income before interest expense	1,600,649	Dr. 859,349	274,029	107,964	405,006	12,146,388	13,674,687	7,037,632
Interest expense	1,254,009	234,165	159,070	154,156	93,194	11,618,513	13,513,107	12,032,644
Income before income taxes	346,640	Dr. 1,093,514	114,959	Dr. 46,192	311,812	527,875	161,580	Dr. 4,995,012
Provision for income taxes	—	—	425	—	115,000	—	115,425	Cr. 68,487
Net income after income taxes	346,640	Dr. 1,093,514	114,534	Dr. 46,192	196,812	527,875	46,155	Dr. 4,926,545

TABLE 14. Operating Expense Analysis, Canadian Group III Carriers, Year Ended December 31, 1963

Expenses	Functional classification						
	Flying operations	Maintenance			General services and administration	Depreciation and amortization	Grand total
		Direct maintenance flight equipment	Direct maintenance ground property and equipment	Maintenance burden			
dollars							
Salaries, wages and personnel expenses:							
General management		—	—	80,643	628,039	—	708,682
Pilots and co-pilots	2,717,127	—	—	—	—	—	2,717,127
Other flight personnel	154,188	—	—	—	47,092	—	201,280
Maintenance labour	—	1,392,793	146,812	280,910	—	—	1,820,515
Aircraft and traffic handling	—	—	—	—	675,363	—	675,363
Trainees, instructors and unallocated shop labour	11,719	—	—	81,493	22,639	—	115,851
Communications	—	—	—	9,872	80,029	—	89,901
Other personnel	—	—	—	135,762	464,868	—	600,630
Personnel expenses	370,926	—	—	53,865	248,921	—	673,712
Totals	3,253,960	1,392,793	146,812	642,545	2,166,951	—	7,603,061
Materials and supplies:							
Aircraft fuels and oils	2,705,403	—	—	—	—	—	2,705,403
Maintenance materials and supplies	—	1,056,026	110,119	31,343	—	—	1,197,488
Shop and servicing supplies	—	—	—	60,728	15,585	—	76,313
Stationery, printing and office supplies	—	—	—	4,406	94,958	—	99,364
Passenger food expense	—	—	—	—	56,051	—	56,051
Other supplies	56,469	—	—	44,456	26,305	—	127,230
Inventory adjustments	—	—	—	74,045	—	—	74,045
Totals	2,761,872	1,056,026	110,119	214,978	192,899	—	4,335,894
Other expenses:							
Communications purchased	—	—	—	30,641	176,007	—	206,648
Light, heat, power and water	—	—	—	83,745	83,193	—	166,938
Traffic commissions	—	—	—	—	70,441	—	70,441
Professional and technical fees and expenses	—	—	—	233	176,843	—	177,076
Other services — Associated companies	—	—	—	Cr. 12,093	33,128	—	21,035
Total repairs and other services — Outside	—	1,424,293	33,075	34,369	87,100	—	1,578,837
Rentals	556,752	—	1,153	80,227	242,659	—	880,791
Landing fees — Canadian	105,047	—	—	—	—	—	105,047
Foreign	23,549	—	—	—	—	—	23,549
Insurance — P.L., P.D. and traffic liability	1,120,285	—	—	71,882	44,413	—	1,236,580
Employee welfare	179,175	—	—	69,497	85,055	—	333,727
Injuries, loss and damage	38,498	—	—	602	5,612	—	44,712
Advertising and publicity	—	—	—	—	105,665	—	105,665
Interrupted trip expense	—	—	—	—	6,933	—	6,933
Uncollectible accounts	—	—	—	—	81,767	—	81,767
Taxes, other than income and payroll	—	—	—	—	83,995	—	83,995
Other expenses	103,056	—	—	16,415	182,624	—	302,095
Overhaul provisions — Airframes	—	105,113	—	—	—	—	105,113
Aircraft engines	—	82,806	—	—	—	—	82,806
Totals	2,126,362	1,612,212	34,228	375,518	1,465,435	—	5,613,755
Depreciation and amortization:							
Amortization	—	—	—	—	—	6,081	6,081
Depreciation — Flight equipment	—	—	—	—	—	1,697,082	1,697,082
Maintenance equipment and hangars	—	—	—	—	—	203,298	203,298
General ground property	—	—	—	—	—	164,379	164,379
Grand totals	8,142,194	4,061,031	291,159	1,233,041	3,825,285	2,070,840	19,623,550

TABLE 15. Operating Expense Analysis, Canadian Group IV Carriers, Year Ended December 31, 1963

Expenses	Functional classification					Grand total
	Aircraft operating expenses	Maintenance		General services and administration	Depreciation and amortization	
		Flight equipment	Ground property and equipment			
	dollars					
Salaries, wages, and personnel expenses:						
General management	17,911	45,523	1,055	499,980	—	564,469
Flight personnel	1,744,967	15,746	—	—	—	1,760,713
Maintenance labour	—	759,596	84,850	972	—	845,418
Aircraft and traffic handling	—	—	—	108,524	—	108,524
Other personnel	3,652	6,034	2,590	301,401	—	313,677
Personnel expenses	132,589	21,581	866	181,164	—	336,200
Totals	1,899,119	848,480	89,361	1,092,041	—	3,929,001
Materials and supplies:						
Aircraft fuel and oils	1,234,689	—	16,425	—	—	1,251,114
Maintenance materials and supplies	—	674,456	130,335	908	—	805,699
Other supplies	15,267	5,725	15,314	39,411	—	75,717
Totals	1,249,956	680,181	162,074	40,319	—	2,132,530
Other expenses:						
Repairs and other services — Outside	—	720,467	72,858	7,225	—	800,550
Rentals	310,828	44,237	88,405	73,354	—	516,824
Insurance — P.L., P.D. and traffic liability	647,256	11,591	31,487	31,931	—	722,265
Other expenses	130,876	50,960	79,886	764,368	—	1,026,090
Depreciation — Flight equipment	—	—	—	—	957,176	957,176
Ground property and equipment	—	—	—	—	199,612	199,612
Totals	1,088,960	827,255	272,636	876,878	1,156,788	4,222,517
Grand totals	4,238,035	2,355,916	524,071	2,009,238	1,156,788	10,284,048

TABLE 16. Operating Expense Analysis, Canadian Scheduled Carriers — All services, Year Ended December 31, 1963

No.	Expenses	Functional classifications			
		Flying operations	Maintenance		
			Direct maintenance flight equipment	Direct maintenance ground property and equipment	Maintenance burden
		dollars			
	Salaries, wages and personnel expenses:				
1	Management	—	—	—	923,988
2	Pilots and co-pilots	13,560,633	—	—	—
3	Other flight personnel	861,106	—	—	—
4	Maintenance labour	—	10,910,035	914,924	1,735,081
5	Aircraft and traffic handling	—	—	—	—
6	Trainees, instructors, unallocated shop labour	439,315	—	—	4,419,406
7	Communications	—	—	—	99,400
8	Other personnel	—	—	—	9,847,555
9	Personnel expenses	1,369,111	—	—	276,522
10	Totals	16,230,165	10,910,035	914,924	17,301,952
	Materials and supplies:				
11	Aircraft fuels and oils	32,797,862	—	—	—
12	Maintenance materials and supplies	—	10,818,227	617,641	692,411
13	Shop and servicing supplies	—	—	—	676,816
14	Stationery, printing and office supplies	—	—	—	166,144
15	Passenger food expense	—	—	—	—
16	Other supplies	88,936	—	—	321,332
17	Inventory adjustments	—	—	—	355,772
18	Totals	32,886,798	10,818,227	617,641	2,212,475
	Other expenses:				
19	Communications purchased	—	—	—	162,302
20	Light, heat, power and water	—	—	—	635,748
21	Traffic commissions	—	—	—	—
22	Professional and technical fees and expenses	—	—	—	6,172
23	Other services — Associated companies	—	—	—	7
24	Total repairs and other services — Outside	—	4,579,499	1,256,314	652,198
25	Rentals	4,293,882	—	—	235,610
26	Landing fees — Canadian	5,889,492	—	—	—
27	Foreign	2,636,290	—	—	—
28	Insurance — P.L., P.D., and traffic liabilities	6,584,516	—	—	183,190
29	Employee welfare	1,472,704	—	—	1,772,543
30	Injuries, loss and damage	136,089	—	—	46,352
31	Advertising and publicity	—	—	—	—
32	Interrupted trip expense	—	—	—	—
33	Uncollectible accounts	—	—	—	—
34	Taxes, other than income and payroll	—	—	—	25
35	Other expenses	29,857	—	—	264,968
36	Overhaul provisions — Airframes	—	243,593	—	—
37	Aircraft engines	—	1,023,778	—	—
38	Totals	21,042,830	5,846,870	1,256,314	3,959,115
	Depreciation and amortization:				
39	Amortization	—	—	—	—
40	Depreciation — Flight equipment	—	—	—	—
41	Maintenance equipment and hangars	—	—	—	—
42	General ground property	—	—	—	—
43	Grand totals	70,159,793	27,575,132	2,788,879	23,473,542

TABLE 16. Operating Expense Analysis, Canadian Scheduled Carriers — All Services, Year Ended December 31, 1963

Functional classification									No.
Passenger servicing	Aircraft and passenger servicing			Promotions and sales		General administration	Depreciation and amortization	Grand total	
	Aircraft servicing	Traffic servicing	Servicing administration	Reservations and sales	Advertising and publicity				
dollars									
19,890	343,627	5,750	295,197	503,831	28,740	1,105,012	—	3,226,035	1
—	—	—	—	—	—	—	—	13,560,633	2
4,875,364	—	—	—	—	—	—	—	5,736,470	3
—	—	—	—	—	—	—	—	13,560,040	4
—	10,796,331	5,721,276	2,243,375	9,681,173	—	—	—	28,442,155	5
249,471	318,406	1,934	88,882	316,313	—	—	—	5,833,727	6
—	347,565	—	805,018	587,551	—	54,275	—	1,893,809	7
723,395	473,609	208,160	1,246,365	4,493,983	593,795	5,393,262	—	22,980,124	8
1,364,079	227,040	156,395	298,217	1,439,082	137,936	354,462	—	5,622,844	9
7,232,199	12,506,578	6,093,515	4,977,054	17,021,933	760,471	6,907,011	—	100,855,837	10
—	—	—	—	—	—	—	—	32,797,862	11
—	—	—	—	—	—	—	—	12,128,279	12
—	260,119	—	—	—	—	—	—	936,935	13
11,817	106,612	134,477	308,088	532,443	58,367	592,607	—	1,910,555	14
7,607,984	—	—	—	1,430	—	—	—	7,609,414	15
1,718,985	97,061	30,026	344,993	16,086	5,014	12,219	—	2,634,652	16
—	—	—	—	—	—	Cr. 16,230	—	339,542	17
9,338,786	463,792	164,503	653,081	549,959	63,381	588,596	—	58,357,239	18
11,908	445,280	277,329	1,079,556	2,925,364	20,440	179,811	—	5,101,990	19
316	63,976	67,660	122,987	122,256	1,794	58,612	—	1,073,349	20
—	—	2	—	7,769,964	—	—	—	7,769,966	21
9,641	61,393	265	925	102,694	—	308,992	—	490,082	22
258	1,970	1,129,129	6	400,018	5,015	238,659	—	1,775,062	23
289,547	3,115,228	1,808,275	761,403	244,348	69,151	74,267	—	12,850,230	24
117,521	155,160	783,270	606,854	1,511,163	36,318	785,424	—	8,525,202	25
—	—	—	—	—	—	—	—	5,889,492	26
—	—	—	—	—	—	—	—	2,636,290	27
755,422	10,342	48,333	3,307	4,687	64	149,463	—	7,739,324	28
336,053	757,918	370,741	294,253	1,048,211	37,729	397,154	—	6,487,306	29
159,298	29,683	79,689	34,338	2,701	10	15,797	—	503,957	30
—	—	183	—	135,090	8,045,134	—	—	8,180,407	31
661,826	—	—	—	—	—	—	—	661,826	32
—	—	—	—	—	—	539,406	—	539,406	33
—	—	—	—	—	—	1,270,466	—	1,270,491	34
89,073	119,131	563,385	204,534	263,682	7,625	341,046	—	1,883,301	35
—	—	—	—	—	—	—	—	243,593	36
—	—	—	—	—	—	—	—	1,023,778	37
2,430,863	4,760,081	5,128,261	3,108,163	14,530,178	8,223,280	4,359,097	—	74,645,052	38
—	—	—	—	—	—	—	1,793,771	1,793,771	39
—	—	—	—	—	—	—	23,046,349	23,046,349	40
—	—	—	—	—	—	—	2,787,781	2,787,781	41
—	—	—	—	—	—	—	2,396,543	2,396,543	42
19,001,848	17,730,451	11,386,279	8,738,298	32,102,070	9,047,132	11,854,704	30,024,444	263,882,572	43

TABLE 17. Operating Statistics, Canadian Carriers — Specialty Flying Services, Groups I to IV, by Type of Service, 1963

	Revenue hours	Revenue earned		Revenue hours	Revenue earned
	No.	\$		No.	\$
Flying training	35,082	627,467	Aircraft rental	415	11,403
Recreational flying	12,178	299,401	Aerial fish cultivation	10	1,240
Aerial photography and survey	4,347	705,664	Geophysical survey	8,239	966,562
Aerial photography (excl. survey)	1,603	198,664	Non-transportation charter	1,194	171,106
Aerial pest control	2,558	386,365	Other specialty flying	1,636	337,886
Aerial advertising	110	9,604			
Aerial patrol and inspection	13,558	1,255,361	Total specialty flying	80,930	4,970,723

TABLE 18. Statistical Summary of Canadian Carriers Operating Helicopters Only, Groups I to IV, 1963

Operating statistics	1963	Statement of income	1963
Number of carriers reporting	16	Operating revenue:	
Revenue hours flown	No. 53,350	Bulk transportation	\$ 5,396,784
Average number of aircraft	136	Other flying services	\$ 555,715
Average number of employees:		Non-flying services	\$ 167,007
Flying personnel	176	Totals	\$ 6,119,506
Other personnel	113	Operating expenses:	
Totals	289	Flying operations	\$ 2,392,201
Salaries and wages paid:		Maintenance	\$ 1,707,442
Flying personnel	\$ 1,417,408	General services and administration	\$ 819,794
Other personnel	\$ 737,547	Depreciation and amortization	\$ 772,986
Totals	\$ 2,154,955	Totals	\$ 5,692,423
		Operating income (loss)	\$ 427,083
		Net income (deficit) after income taxes	\$ 518,473

Balance sheet

	dollars		dollars
Assets:		Liabilities:	
Current assets:		Current liabilities:	
Cash	442,189	Notes and accounts payable	1,132,270
Accounts receivable	864,621	Current portion of long term debt	395,474
Less: reserve for uncollectible accounts	65,620	Accrued taxes	46,505
Materials and supplies	713,587	Other and accrued liabilities	97,865
Short term prepayments	206,396	Total current liabilities	1,672,114
Other current assets	153,220	Non-current liabilities:	
Total current assets	2,314,393	Long term debt	1,319,051
Investments	334,499	Other non-current liabilities	328,502
Property and equipment:		Total non-current liabilities	1,647,553
Operating	9,216,117	Deferred credits	21,131
Less: accumulated depreciation	5,314,036	Reserves	81,334
Non-operating	365,228	Capital Stock and Surplus:	
Less: accumulated depreciation	141,773	Capital stock issued and outstanding:	
Deferred charges:		Preferred	645,570
Long term prepayments	34,409	Common	940,034
Other deferred charges	128,792	Other paid-in capital	419,878
Total deferred charges	163,201	Unappropriated surplus	1,510,015
Total assets	6,937,629	Total capital stock and surplus	3,555,283
		Total liabilities	6,937,629

TABLE 19. Aircraft Owned and Leased, Canadian Carriers, by Category of Aircraft and Weight Group, as at January 15, 1964

Categories of aircraft and weight groups	Groups I and II ¹		Group III ¹		Group IV		Group V		Total	
	Owned	Leased	Owned	Leased	Owned	Leased	Owned	Leased	Owned	Leased
	number									
Carriers reporting	6		17		53		309		385	
Helicopters	1	—	93	1	62	9	22	3	178	13
Turbo jets	14	5	—	—	—	—	—	—	14	5
Turbo props:										
300,001 lbs. and over	—	—	—	—	—	—	—	—	—	—
150,001-300,000 lbs	—	5	—	—	—	—	—	—	—	5
100,001-150,000 "	22	—	—	—	—	—	—	—	22	—
50,001-100,000 "	47	—	—	—	—	—	—	—	47	—
50,000 lbs. and under	—	—	—	—	—	—	—	—	—	—
Total turbo props	69	5	—	—	—	—	—	—	69	5
Piston engined:										
Four engines:										
130,001 lbs. and over	—	—	—	—	—	—	—	—	—	—
100,001-130,000 lbs	6	1	2	—	—	—	—	—	8	1
70,001-100,000 "	7	—	4	1	1	—	—	—	12	1
50,001-70,000 "	—	—	—	—	—	—	—	—	—	—
50,000 lbs. and under	—	—	—	—	—	—	—	—	—	—
Total four engines	13	1	6	1	1	—	—	—	20	2
One or two engines:										
40,001 lbs. and over	14	—	4	2	2	—	1	—	21	2
25,001-40,000 lbs.	31	—	24	5	11	—	5	—	71	5
20,001-25,000 "	—	—	—	—	—	—	1	—	1	—
15,001-20,000 "	—	—	6	—	14	1	1	1	21	2
10,001-15,000 "	1	—	2	—	5	1	2	—	10	1
7,501-10,000 "	18	—	38	1	49	—	26	1	131	2
5,001-7,500 "	30	—	51	—	41	1	58	4	180	5
4,001-5,000 "	—	1	6	1	5	3	22	2	33	7
3,001-4,000 "	5	—	3	—	28	—	65	8	101	8
2,001-3,000 "	4	—	27	2	129	4	275	27	435	33
2,000 lbs. and under	—	—	6	—	70	1	342	43	418	44
Total one or two engines	103	1	167	11	354	11	798	86	1,422	109
Grand totals	200	12	266	13	417	20	820	89	1,703	134

¹ Group II non-scheduled carriers included with Group III for purposes of this report.TABLE 20. Accidents to Aircraft of Canadian Registry, Apparent Cause by Type of Operation, 1963¹

Type of operation	Apparent cause of accidents												
	Personnel			Material failure					Weather	Landing surface	Miscellaneous	Undetermined	Grand total
	Errors of pilots	Errors of other personnel or crew members	Total	Power plant	Air frame	Landing gear	Equipment and accessories	Total					
	number												
Commercial operations:													
Scheduled:													
Domestic	—	—	—	—	—	—	—	—	1	—	—	1	2
International	—	—	—	—	—	—	—	—	—	—	—	1	1
Non-scheduled:													
Domestic	37	6	43	5	4	1	—	10	1	4	—	7	65
International	1	—	1	—	—	—	—	—	—	—	—	—	1
Contract	1	—	1	—	—	—	—	—	—	—	—	—	1
Specialty:													
Flying training	3	—	3	2	—	—	—	2	—	—	—	—	5
Recreational flying	12	—	12	—	1	—	—	1	—	—	—	—	13
Aerial photography and survey	2	—	2	2	—	—	—	2	—	—	—	—	4
Aerial patrol and inspection	3	—	3	1	—	—	—	1	—	—	—	1	5
Aerial pest control	2	—	2	—	—	—	—	—	—	—	—	1	3
Geophysical survey	—	—	—	—	—	—	—	—	—	—	—	—	—
Forest fire protection	—	—	—	—	—	—	—	—	—	—	—	1	1
Other	—	—	—	1	1	—	1	3	—	—	—	—	3
Total commercial operations	61	6	67	11	6	1	1	19	2	4	—	12	104
Non-commercial operations:													
Flying clubs:													
Flying training	11	—	11	—	—	—	—	—	—	—	—	—	11
Recreational flying	6	—	6	—	—	—	—	—	—	—	—	—	6
Private:													
Ferry	—	—	—	—	—	—	—	—	—	—	—	—	—
Company business	12	1	13	1	—	—	—	1	—	—	—	2	16
Test	—	1	1	—	1	—	—	1	—	—	—	—	2
Training-check	8	—	8	—	—	—	—	—	—	—	—	—	8
Recreation flying	77	1	78	3	1	2	—	6	—	—	—	5	89
Aerial pest control	2	—	2	—	—	—	—	—	1	—	1	—	4
Other	2	—	2	1	—	—	—	1	—	—	—	—	3
Miscellaneous: ²													
Positioning	4	—	4	4	1	—	—	5	—	—	—	1	10
State	2	—	2	—	—	—	—	—	—	1	—	1	4
Missing enroute	—	—	—	—	—	—	—	—	—	—	—	2	2
Total non-commercial operations	124	3	127	9	3	2	—	14	1	1	1	11	155
Grand total all operations	185	9	194	20	9	3	1	33	3	5	1	23	259

¹ As reported by Civil Aviation Branch, Department of Transport. Subject to revision.² Includes accidents occurring during non-revenue flights of commercial aircraft.

TABLE 21. Accidents to Aircraft of Canadian Registry, Casualties by General Type of Operation, 1962-63¹

Accidents and casualties	General type of operations					
	Commercial		Non-commercial ²		Total	
	1963 ³	1962	1963	1962	1963 ³	1962
	number					
Total accidents	104	107	155	174	259	281
Fatal accidents	15	13	33	25	48	38
Casualties:						
Pilot:						
Killed	15	8	31	22	46	30
Seriously injured	7	7	14	21	21	28
Co-pilot:						
Killed	1	2	—	—	1	2
Seriously injured	—	—	1	—	1	—
Flight engineer:						
Killed	—	—	—	—	—	—
Seriously injured	—	—	—	—	—	—
Cabin attendant:						
Killed	4	1	—	—	4	1
Seriously injured	—	1	—	—	—	1
Other crew:						
Killed	1	5	1	—	2	5
Seriously injured	2	1	1	—	3	1
Passengers:						
Killed	126	34	31	31	157	65
Seriously injured	17	6	7	17	24	23
Third party:						
Killed	—	—	1	—	1	—
Seriously injured	—	—	—	—	—	—
Totals:						
Killed	147	50	64	53	211	103
Seriously injured	26	15	23	38	49	53

¹ As reported by Civil Aviation Branch, Department of Transport.² Includes flying clubs, private and miscellaneous flying (positioning, state and ferry) which comprises accidents occurring during non-revenue flights of commercial aircraft.³ Subject to revision.TABLE 22. Personnel and Airport Licenses Issued and Aircraft Registered as of December 31, 1963¹

	In force December 31, 1963	In force December 31, 1962		Total December 31, 1963	Total December 31, 1962
	number			number	
Pilots:			Commercial	1,929	1,908
Glider	665	582	Private	4,172	3,976
Private	16,393	15,979	State	191	182
Commercial	2,359	2,251	Commercial (restricted)	64	71
Senior commercial	368	356	Ultra light	123	93
Airline transport	1,355	1,342	Experimental	11	8
			Private (restricted)	11	11
Totals	21,140	20,510	Totals	6,501	6,249
Air navigators	91	94	Airports		
Air traffic controllers	814	807		In force December 31, 1963	In force December 31, 1962
Flight engineers	38	28			
Aircraft maintenance engineers	2,270	2,109	Number of airports	657	589

¹ As reported by Civil Aviation Branch, Department of Transport.

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation	Public transportation of passengers and goods at a toll per unit. It includes: (i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and (ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
Bulk Transportation	(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Specialty Flying Services	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising (Class 7).
Scheduled Carriers	Carriers operating a scheduled (Class 1) service.
Non-scheduled Carriers	Carriers not operating any scheduled (Class 1) service.
Classification of Canadian Carriers:	
Group I Carriers	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers	All other carriers licensed to perform scheduled (Class 1) service plus one major transport carrier: Nordair Ltd.
Group III Carriers	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Group I and II.
Group IV Carriers	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000 and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.
Passenger	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger and a round trip passenger is counted as two passengers.
Revenue Passenger	A child or adult for which a fare or part of a fare is paid.
Non-revenue Passenger	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
Air Cargo	Air freight and air express.
Goods	Air cargo plus excess baggage and air mail.
Tons	Short tons of 2,000 lbs.
Miles	Statute miles of 5,280 ft.
Passenger-mile	The transportation of one passenger over the distance of one mile.
Available Seat-miles	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station trip.
Passenger Load Factor	Ratio of revenue passenger-miles performed to available seat-miles.
Ton-mile	The transportation of one ton of load over the distance of one mile.
Available Load	Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.
Available Ton-miles	Available load capacity multiplied by miles flown on each inter-station trip.
Weight Load Factor	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans-border Services	Services between Canada and the United States.
Southern Services	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans-Atlantic and Polar Services ..	Services between Canada and Europe.
Pacific and Orient Services	Services between Canada and points in the Pacific Ocean or the Orient.
Five Freedoms of the Air:	
First Freedom	The right to fly over the territory of a foreign country without landing.
Second Freedom	The right to land on the territory of a foreign country for non-traffic purposes.
Third Freedom	The right to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
Fourth Freedom	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
Fifth Freedom	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the right to put down in a foreign country, passengers, mail and cargo coming from any such territory.



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CIVIL AVIATION

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CHART -A

REVENUE MILES FLOWN BY CANADIAN CARRIERS 1955-1964

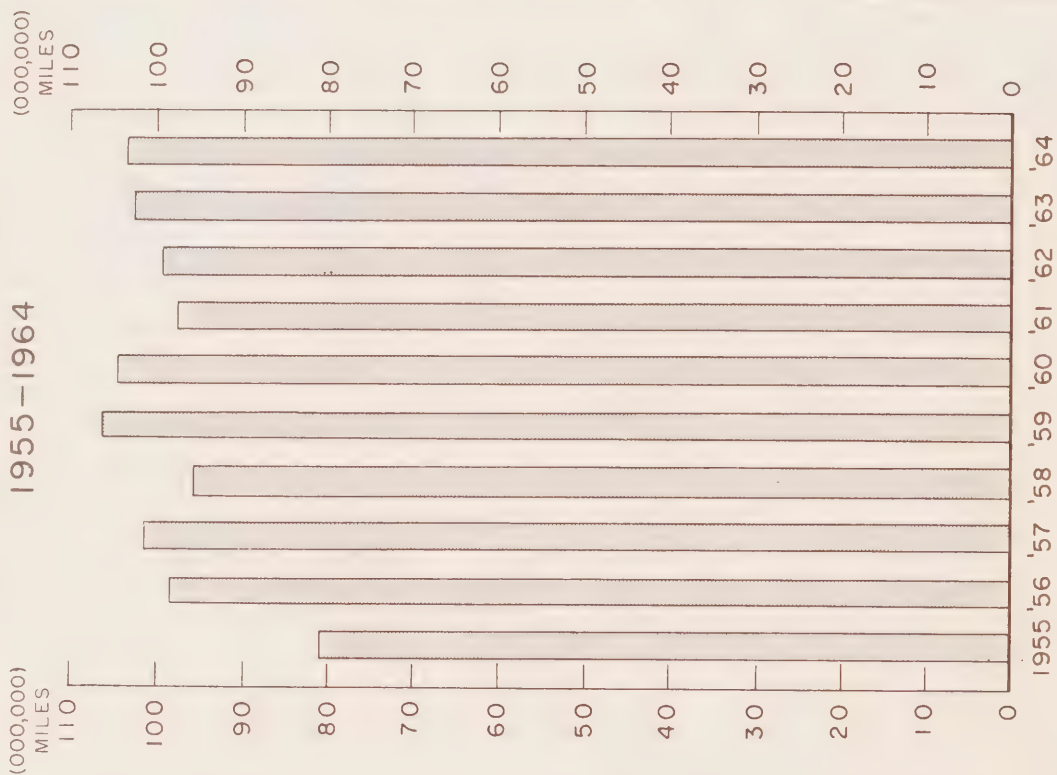
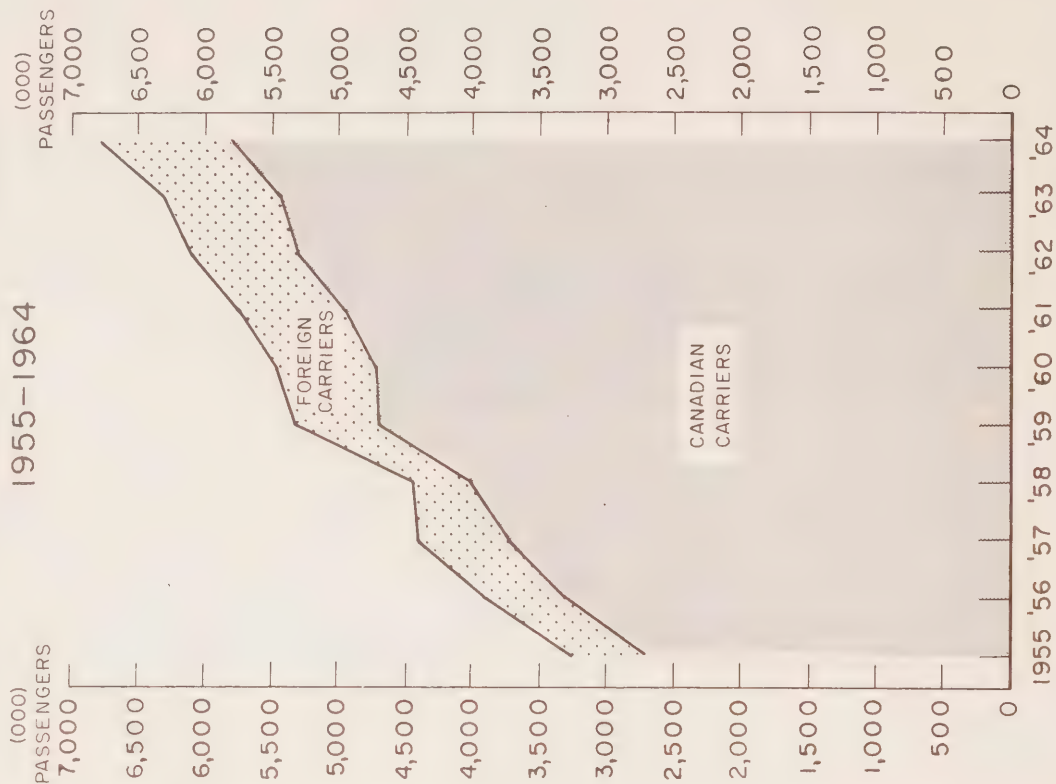


CHART -B

REVENUE PASSENGERS CARRIED BY CANADIAN AND FOREIGN CARRIERS 1955-1964



CIVIL AVIATION

1964

INTRODUCTION

The figures presented in this publication cover the operating and financial data submitted by Canadian and foreign air carriers doing business within Canada or between Canada and other countries. Statistics of Canadian airlines include both their domestic and international flights while figures for foreign companies cover their hours and miles flown over Canadian territory only. Passengers and goods in transit through Canada are not included. Because the coverage given to Canadian airlines differs from that given to foreign airlines the statistics shown under similar headings are not directly comparable.

The five groups of Canadian air carriers used in this report are based on gross annual flying revenues and the type of service (scheduled or non-scheduled) performed. Definitions of these groups and of other terms used are given on the last page of the publication. The number of Canadian carriers which submitted annual reports for 1964 in each group is as follows:

Group I	2
Group II	4
Group III	16
Group IV	52
Group V	285
Total	359

The total number of air carriers varies from year to year (in 1963 reports were submitted by 390 companies). Reasons for this fluctuation are entries, withdrawals and amalgamations of small air lines. Changes in the number of small firms are of little significance in the total figures for all categories but there can be significant changes within groups and from one group to another depending upon the activities of individual companies. These changes tend to produce distortions in comparisons of specific groups over a period of years.

Although groups are defined according to revenue and whether services are scheduled or non-scheduled there are exceptions to the definitions. For instance, Nordair Ltd. is included with Group III for statistical purposes because it did not operate scheduled routes during 1964 even though its revenue was sufficient to qualify the company as a Group II carrier.

Since Group V carriers file reports on a quarterly basis only, data on their operations are not available for monthly publication but are shown in a special table in the monthly report for March, June, September and December. This Group V information is not included however, in totals for all carriers shown in other tables throughout the report. To be consistent with the monthly publications this practice has been continued in the annual report. Although they are by far the largest Group in terms of

numbers, the Group V carriers are not significant in terms of revenue; their reported operating revenues usually amount to less than 4 per cent of the total operating revenues of all Canadian carriers.

Domestic operations are not shown separately from international operations of Canadian carriers except in Table 5. In this table statistics are categorized according to areas of service.

Wherever it is practical to do so, figures for services sold on a unit toll basis are subdivided into scheduled operations and non-scheduled operations. However, a complete breakdown is not possible because some air carriers offer both types of service on different routes. In such cases the route is designated scheduled or non-scheduled according to the class of service which predominates.

Bulk flying operations include additional detail in this issue. For the first time bulk passenger-miles and bulk goods ton-miles have been listed separately.

Financial statistics of Canadian carriers which are shown in Tables 8 to 16 are collected and compiled according to definitions and procedures outlined in a manual entitled "Uniform System of Accounts and Reports for Commercial Air Carriers".

For the first time Table 17 "Specialty Flying Services—Groups I to IV" indicates whether these services were performed by fixed-wing aircraft or by helicopters.

Table 18 "Statistical Summary of Canadian Carriers Operating Helicopters, Groups I to IV" has been altered to include the operating statistics and balance sheet items of the helicopter operations of carriers operating both helicopters and fixed-wing aircraft. The statement of income for helicopter-only carriers normally found in this table has not been published because of a lack of space but it is available on request.

Name change

Although Trans-Canada Air Lines announced in 1964 that it was going to change its official name to Air Canada, the switch did not become officially effective until January 1, 1965. For this reason, the old name of Trans-Canada Air Lines has been used in the tables.

Review of 1964 Operations

The number of revenue passengers transported by Canadian air carriers during 1964 (the year under review) increased 6.5 per cent to 5,782,088 from 1963. The volume of revenue goods carried rose to 135,213 tons, an increase of 7.7 per cent. Revenue hours flown showed an increase to 661,508 from 630,573 and revenue miles were up 0.9 per cent to 103,451,614. Unit toll operations showed an in-

crease in hours flown of 0.7 per cent. Freight carried on unit toll services rose 18.6 per cent to 58,749 tons while bulk freight decreased 3.6 per cent to 53,062 tons.

Revenue passengers carried on unit toll services rose to 5,197,579 an increase of 6.8 per cent; and passengers carried on bulk trips rose to 584,509 an increase of 3.9 per cent.

Revenue miles flown on unit toll services increased 0.9 per cent to 76,404,782 while revenue passenger-miles increased 8.7 per cent to 3,939,075,129 and goods ton-miles increased 26.2 per cent to 89,805,590.

The six scheduled carriers transported 7.0 per cent more revenue passengers and 12.2 per cent more revenue goods in 1964 than in the previous year (Table 2). Passengers carried totalled 5,248,038 and the weight of goods aggregated 87,207 tons compared with 4,906,134 passengers and 77,743 tons of goods in the previous year.

Foreign airlines licensed to operate in Canada carried into and out of this country during 1964 a total of 992,564 revenue passengers (up 16.6 per cent) and 15,534 tons of revenue goods up 25.1 per cent from 1963 (Table 2).

Operating revenues and expenses of Canadian carriers reached an all time high in 1964 (Table 1). Revenues increased 8.4 per cent to \$334,930,874 while expenses rose 7.3 per cent to \$315,569,629.

As a result an all time high operating income of \$19,361,245 was reported. After deductions for income taxes and other charges, there was a net income of \$8,393,110 compared with an income of \$1,390,060 for 1963.

Total assets of Canadian carriers (Table 8) as at December 31st 1964 were valued at \$371,064,840 which represents an increase from 1963 of \$7,333,455.

Helicopters

Beginning in 1964 statistics for Specialty Flying services (Table 17) have been broken down into specialty flying by fixed wing aircraft and helicopters.

Companies operating helicopters only and helicopters in conjunction with fixed wing (Table 18) have been included in Table 18 for the first time, a statement of income for these carriers may be obtained on request. The helicopter—only companies had total assets of \$10,143,995 at the end of 1964 compared to \$6,937,629 the previous year.

Accidents

Commercial aircraft were involved in 105 accidents of all types in 1964 as against 104 in 1963. Over 50 per cent of these were attributed to errors of pilots or crew members. Although the number of accidents remained almost the same the number of fatal accidents decreased in 1964 from 211 to 78. Accidents occurring to all aircraft registered in Canada (including aircraft engaged in non-commercial operations) totalled 268 in 1964 compared with 259 a year earlier.

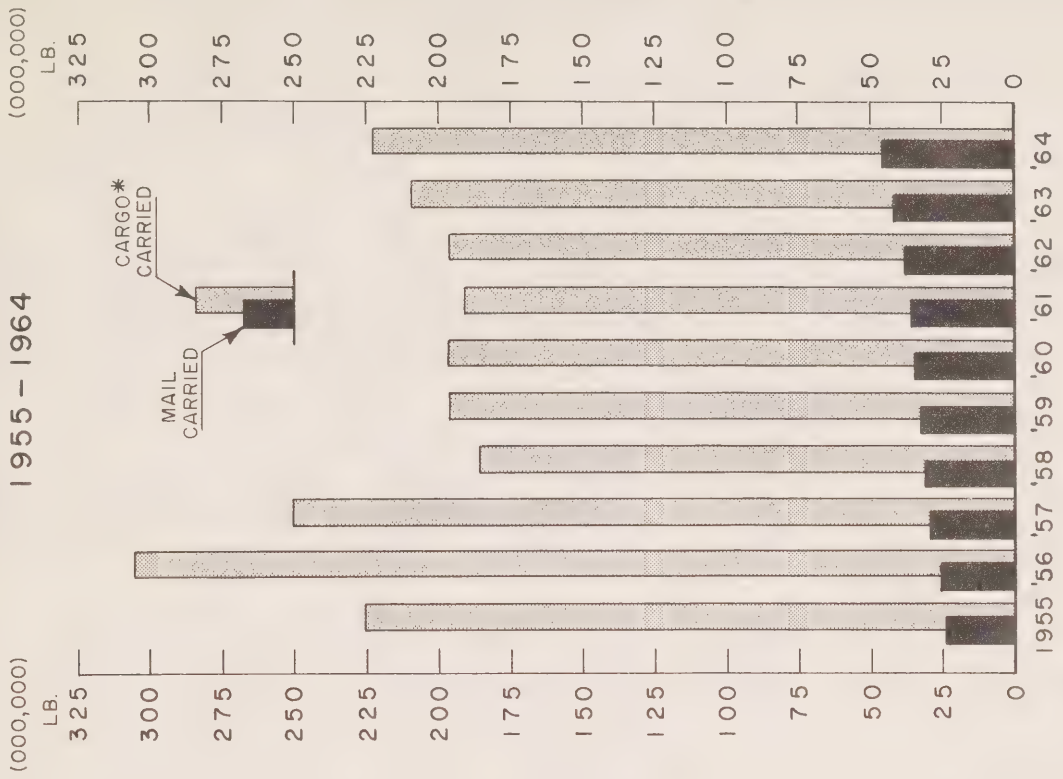
SYMBOLS

The following standard symbols are used in Dominion Bureau of Statistics publications:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- amount too small to be expressed.
- P preliminary figures.
- † revised figures.

CHART - D

REVENUE CARGO AND MAIL CARRIED BY CANADIAN CARRIERS 1955 - 1964



*Includes excess baggage prior to 1956.

CHART - C

OPERATING REVENUES AND EXPENSES OF CANADIAN CARRIERS 1955 - 1964

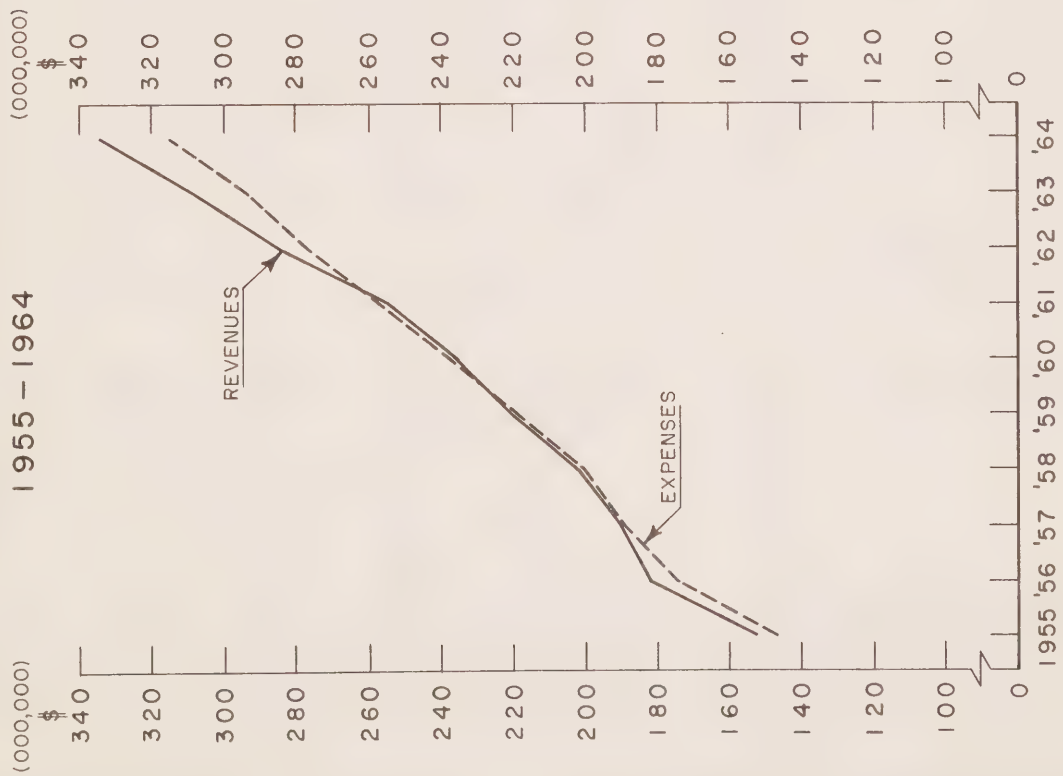


TABLE 1. Statistical Summary of Canadian Civil Aviation, 1959-64

	1964	1963	1962	1961	1960	1959
Canadian carriers						
Operating statistics:						
Unit toll transportation:						
Revenue:						
Hours flown	No. 300,798	298,655	312,395	327,555	383,181	350,019
Miles flown	" 76,404,782	75,746,629	76,040,318	76,008,312	80,246,283	77,405,581
Passengers carried	" 5,197,579	4,864,855	4,792,409	4,543,009	4,218,431	4,176,501
Cargo and excess baggage carried	lb. 117,497,668	99,063,385	93,064,818	80,823,898	80,152,652	76,464,625
Mail carried	" 46,804,224	41,892,927	38,430,775	35,749,456	34,633,139	32,894,779
Passenger-miles	No. 3,939,075,129	3,623,020,400	3,463,727,291	3,157,518,367	2,671,926,081	2,357,386,420
Cargo and excess baggage ton-miles	" 69,038,182	53,618,163	45,427,320	38,504,034	35,316,334	29,505,264
Mail ton-miles	" 18,952,877	17,530,240	15,289,672	14,094,209	13,706,091	13,115,587
Bulk transportation:						
Revenue:						
Hours flown	" 263,541	250,988	230,525	228,049	230,670	259,188
Miles flown	" 27,046,832	26,818,278	23,277,049	21,569,202	23,938,740	28,701,522
Passengers carried	" 584,509	562,489	476,390	407,888	508,984	504,763
Freight carried	lb. 106,124,248	110,102,115	105,082,430	111,504,022	123,200,348	126,523,737
Passenger-miles	No. 469,807,322	..	..	..	..	..
Goods ton-miles	" 17,839,881	..	..	..	..	..
Other flying services:						
Revenue hours flown	" 97,169	80,930	83,382	75,808	81,059	155,022
Total—All services:						
Traffic, hours and miles: ¹						
Revenue:						
Hours flown	" 661,508	630,573	626,302	631,412	694,910	764,229
Miles flown	" 103,451,614	102,564,907	99,317,367	97,577,514	104,185,023	106,107,103
Passengers carried	" 5,782,088	5,427,344	5,268,799	4,950,897	4,727,415	4,681,264
Cargo and excess baggage carried	lb. 223,621,916	209,165,500	196,776,738	192,327,920	203,353,000	202,988,362
Goods carried ²	" 270,426,140	251,058,427	236,578,023	228,077,376	237,986,139	235,883,141
Passengers-miles	No. 4,408,882,451	..	..	..	..	..
Goods ton-miles	" 105,830,940	..	..	..	..	..
Non-revenue:						
Hours flown	" 21,363	21,738	25,882	28,863	24,251	31,624
Passengers carried	" 36,026	..	..	..	..	21,238
Goods carried ²	lb. 3,196,432	..	..	..	..	8,463,610
Passenger-miles	No. 207,986,297	203,399,987	176,277,219	148,517,121	127,072,658	100,192,596
Goods ton-miles	" 65,888,655	6,601,370	6,449,798	5,965,235	5,244,953	4,287,822
Fuel and oil consumed:						
Fuel	gal. 218,042,305	207,490,519	191,343,196	175,201,010	139,425,893	122,055,240
Cost	\$ 36,169,043	34,939,058	31,993,476	31,029,209	29,910,391	28,968,279
Oil	gal. 343,128	405,999	310,015	475,994	812,232	889,423
Cost	\$ 822,091	793,547	765,871	776,583	907,179	1,088,653
Average number of employees	No. 17,795	17,577	17,810	17,700	17,106	16,565
Salaries and wages paid	\$ 116,465,350	108,538,372	105,636,970	102,200,745	95,650,809	86,148,440
Revenues and expenses:						
Operating revenues	\$ 334,930,874	308,835,913	284,618,321	254,873,901	235,973,562	220,423,558
Operating expenses	\$ 315,569,629	294,142,170	277,333,944	257,445,532	237,714,284	219,487,993
Operating income (loss)	\$ 19,361,245	14,693,743	7,284,377	Dr. 2,571,631	Dr. 1,740,722	935,565
Net income or deficit after income taxes	\$ 8,393,110	1,390,060	Dr. 4,597,327	Dr. 13,146,423	Dr. 6,450,886	Dr. 2,484,178
Canadian and foreign carriers ³						
Operating statistics:						
Revenue:						
Hours flown (all services)	No. 679,784	646,956	642,284	649,107	712,371	798,527
Miles flown (transportation services)	" 110,138,322	108,282,021	104,851,093	103,335,386	109,699,725	110,889,252
Passengers carried (transportation services)	" 6,774,652	6,278,298	6,064,074	5,740,577	5,451,716	5,316,001
Cargo and excess baggage carried (transportation services)	lb. 250,789,269	229,636,108	218,487,619	211,044,506	217,220,865	214,391,889
Mail carried (transportation services)	" 50,705,488	45,210,723	41,596,384	39,024,564	37,472,154	35,558,226
Passenger-miles (unit toll transportation)	No. 4,200,293,067	3,832,248,493	3,666,655,321	3,352,704,994	2,847,022,735	2,495,682,456
Cargo and excess baggage (unit toll transportation) ton-miles	" 93,748,160	58,747,717	50,045,948	42,476,457	39,044,787	31,296,521
Mail ton-miles (unit toll transportation)	" 19,897,070	18,302,847	15,995,107	14,856,343	14,321,366	13,702,638

¹ Except for hours flown, data relate to transportation services only.² Cargo, excess baggage and mail.³ See Introduction, page 5.

TABLE 2. Operating Statistics, Canadian and Foreign Carriers — All Services, 1964

	Canadian carriers					Foreign carriers ¹			Grand total all carriers
	Scheduled carriers	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other foreign carriers ³		
		Groups I and II ²	Group III ²	Group IV				Total	
Number of carriers reporting	6	16	52	68	74	10	9	93	
Transportation services:									
Unit toll:									
Revenue departures	No. 210,951	27,283	7,360	34,643	245,594				
Revenue hours flown	" 267,642	28,851	4,305	33,156	300,798	4,025	13,095	317,918	
Revenue miles scheduled	" 67,807,358	...	...	...	67,807,358	991,490	5,088,041	73,886,889
Revenue miles flown:									
Scheduled services	" 69,147,014 ⁴	...	...	...	69,147,014 ⁴	979,151	5,298,605	75,424,770 ⁴
Non-scheduled services	" 3,172,029 ⁴	3,569,613	516,126	4,085,739	7,257,768 ⁴	—	—	7,257,768 ⁴	
Totals	" 72,319,043	3,569,613	516,126	4,085,739	76,404,782	979,151	5,298,605	82,682,538	
Revenue passengers carried	" 5,056,250	110,385	30,944	141,329	5,197,579	670,766	285,518	6,153,863	
Revenue goods carried:									
Cargo	lb. 106,694,068	6,677,797	2,487,983	9,165,780	115,859,848	} 9,268,134	17,703,667	144,469,469	
Excess baggage	" 1,477,546	63,446	96,828	160,274	1,637,820				
Mail	" 45,171,611	1,393,291	239,322	1,632,613	46,804,224		1,742,114	50,705,488	
Totals	" 153,343,225	8,134,534	2,824,133	10,958,667	164,301,892	11,010,248	19,862,817	195,174,957	
Revenue passenger-miles	No. 3,916,578,216	20,867,861	1,629,052	22,496,913	3,939,075,129	28,640,311	232,577,627	4,200,293,067	
Revenue goods ton-miles:									
Cargo	" 62,029,668	1,870,549	2,123,143	3,993,692	66,023,360	} 215,524	6,654,573	75,908,279	
Excess baggage	" 2,979,842	31,554	3,426	34,980	3,014,822				
Mail	" 18,584,431	354,808	13,638	368,446	18,952,877		37,864	19,897,070	
Totals	" 83,593,941	2,256,911	2,140,207	4,397,118	87,991,059	253,388	7,560,902	95,805,349	
Bulk:									
Revenue:									
Departures	" 35,426	73,387	144,021	217,408	252,834				
Hours flown	" 46,630	101,761	115,150	216,911	263,541	32	1,124	264,697	
Miles flown	" 8,729,393	8,070,375	10,247,064	18,317,439	27,046,832	7,472	401,480	27,455,784	
Passengers carried	" 191,788	166,741	225,980	392,721	584,509	4,873	31,407	620,789	
Freight carried	lb. 21,071,770	53,261,801	31,790,677	85,052,478	106,124,248	—	195,552	106,319,800	
Passenger-miles	No. 406,442,682	61,165,236	2,199,404	63,364,640	469,807,322			469,807,322	
Goods ton-miles	" 5,593,680	9,729,645	2,516,556	12,246,201	17,839,881	..	..	17,839,881
Non-transportation services:									
Specialty flying:									
Revenue hours flown	" 2,229	15,838	79,102	94,940	97,169	—	—	97,169	
Total — All services:									
Traffic, hours and miles: ⁵									
Revenue:									
Departures	" 246,377	100,670	151,381	252,051	498,428				
Hours flown	" 316,501	146,450	198,557	345,007	661,508	4,057	14,219	679,784	
Miles flown	" 81,048,436	11,639,988	10,763,190	22,403,178	103,451,614	986,623	5,700,085	110,138,322	
Passengers carried	" 5,248,038	277,126	256,924	534,050	5,782,088	675,639	316,925	6,774,652	
Cargo carried	lb. 127,765,838	59,939,598	34,278,660	94,218,258	223,621,916 ⁶	9,268,134 ⁶	17,899,219 ⁶	250,789,269 ⁶	
Goods carried	" 174,414,995	61,396,335	34,614,810	96,011,145	270,426,140	11,010,248	20,058,369	301,494,757	
Passenger-miles	No. 4,323,020,898	82,033,097	3,828,456	85,861,553	4,408,882,451	..	..	..
Good ton-miles	" 89,187,621	11,986,556	4,656,763	16,643,319	105,830,940	..	..	..
Non-revenue:									
Hours flown	" 8,544	6,518	6,301	12,819	21,363	17	36	21,416	
Passengers carried	" 34,303	1,433	290	1,723	36,026	11,724	5,764	53,514	
Goods carried	lb. 2,587,989	594,973	13,470	608,443	3,196,432	154,652	793,450	4,144,534	
Passenger-miles	No. 206,504,697	1,473,328	8,272	1,481,600	207,986,297	522,921	3,909,045	212,418,263	
Goods ton-miles	" 7,227,320	482,448	—	482,448	7,709,768	4,127	235,039	7,948,934	
Fuel consumed:									
Turbo fuel:									
Quantity	gal. 195,127,404	—	156,855	156,855	195,284,259	1,488,251	31,489,263	228,261,773	
Cost	\$ 27,636,993	—	44,884	44,884	27,681,877	235,324	5,159,702	33,076,903	
Gasoline:									
Quantity	gal. 12,674,306	6,613,776	3,469,964	10,083,740	22,758,046	413,598	1,193,486	24,365,130	
Cost	\$ 4,280,433	2,678,817	1,527,916	4,206,733	8,487,166	106,856	291,399	8,885,421	
Oil consumed:									
Turbo aircraft:									
Quantity	gal. 49,675	—	26	26	49,701	347	1,051	51,099	
Cost	\$ 447,473	—	391	391	447,864	1,866	9,406	459,136	
Other aircraft:									
Quantity	gal. 147,430	90,146	55,851	145,997	293,427	2,844	2,943	299,214	
Cost	\$ 163,477	134,096	76,654	210,750	374,227	2,416	2,517	379,160	
Average number of employees:									
Pilots and co-pilots	No. 1,022	298	302	600	1,622	..	..	..
Other flight personnel	" 1,070	28	19	47	1,117	..	..	..
General management	" 324	92	99	191	515	..	..	..
Maintenance labour	" 3,644	345	276	621	4,265	..	..	..
Aircraft and traffic servicing	" 5,094	107	60	167	5,261	..	..	..
Other personnel	" 4,579	200	236	436	5,015	..	..	..
Totals	" 15,733	1,070	992	2,062	17,795	239	733	18,767	
Salaries and wages paid:									
Pilots and co-pilots	\$ 14,798,947	2,802,649	2,235,316	5,037,965	19,836,912	..	..	..
Other flight personnel	\$ 5,998,349	202,132	77,852	279,984	6,278,333	..	..	..
General management	\$ 3,382,108	789,139	736,753	1,525,892	4,908,000	..	..	..
Maintenance labour	\$ 22,538,935	1,863,741	4,364,589	3,228,330	25,767,265	..	..	..
Aircraft and traffic servicing	\$ 29,545,080	500,009	218,705	718,714	30,263,794	..	..	..
Other personnel	\$ 27,412,871	878,201	1,119,974	1,998,175	29,411,046	..	..	..
Totals	\$ 103,676,290	7,035,871	5,753,189	12,789,060	116,465,350	1,552,743	4,234,449	122,252,542	

¹ See Introduction, page 5.² Nordair Ltd. included with Group III carriers for purposes of this report.³ Includes fifth freedom traffic between United States and Canada.⁴ Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.⁵ Except for hours flown these data relate to transportation services only.⁶ Includes excess baggage.⁷ Excludes T.C.A.

TABLE 3. Operating Statistics, Canadian Scheduled Carriers — All Services, by Company, 1964

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Eastern Provincial Airways (1963) ¹	Pacific Western Airlines ¹	Quebecair Inc. ¹	Transair Ltd. ¹	Total ¹	
Transportation services:									
Unit toll:									
Revenue departures No.	21,594	133,767	155,361	13,132	17,017	12,964	12,477	55,590	210,951
Revenue hours flown "	39,669	174,475	214,144	11,867	17,696	10,476	13,459	53,498	267,642
Revenue miles scheduled "	13,440,574	48,680,631	62,121,205	990,666	2,319,268	1,235,501	1,140,718	5,686,153	67,807,358
Revenue miles flown:									
Scheduled services:									
Regular "	13,261,806	47,739,033	61,000,839	802,089	2,220,317	1,140,502	1,116,660	5,279,568	66,280,407
Extra sections "	242,132	2,307,725	2,549,857	89,892	103,541	23,023	100,294	316,750	2,866,607
Non-scheduled services "	528,027	—	528,027	968,159	363,524	637,719	674,600	2,644,002	3,172,029
Totals "	14,031,965	50,046,758	64,078,723	1,860,140	2,687,382	1,801,244	1,891,554	8,240,320	72,319,043
Ratio of regular miles flown to miles scheduled									
	98.7	98.1	...	81.0	95.7	92.3	97.9	...	...
Revenue passengers carried (Scheduled and non-scheduled) ² No.	510,623	4,093,754	4,604,377	103,774	179,965	106,267	61,867	451,873	5,056,250
Revenue goods carried (Scheduled and non-scheduled): ²									
Express lb.	908,759	11,598,173	12,506,932	166,452	423,582	—	137,734	727,768	13,234,700
Freight "	8,583,964	67,043,480	75,627,444	7,267,797	6,794,926	2,090,592	1,678,609	17,831,924	93,459,368
Excess baggage "	574,615	—	574,615	185,807	267,868	359,797	89,459	902,931	1,477,546
Mail "	2,731,273	36,761,886	39,493,159	2,129,845	1,972,106	420,182	1,156,319	5,678,452	45,171,611
Totals "	12,798,611	115,403,539	128,202,150	9,749,901	9,458,482	2,870,571	3,062,121	25,141,075	153,343,225
Revenue passenger-miles:									
Scheduled services No.	854,411,164	2,923,841,614	3,778,252,778	10,314,327	43,347,230	20,388,634	17,868,261	91,918,452	3,870,171,230
Non-scheduled services "	14,482,392	—	14,482,392	15,329,045	1,273,714	13,158,932	2,162,903	31,924,594	46,406,986
Totals "	868,893,556	2,923,841,614	3,792,735,170	25,643,372	44,620,944	33,547,566	20,031,164	123,843,046	3,916,578,216
Available seat-miles on scheduled services									
	1,636,511,998	4,642,431,285	6,278,943,283	23,394,339	104,560,199	39,331,700	42,513,520	209,799,758	6,488,743,041
Passenger load factor on scheduled services									
	52.2	63.0	...	44.1	41.5	51.8	42.0	...	...
Revenue goods ton-miles:									
Express:									
Scheduled services No.	236,252	4,392,862	4,629,114	21,342	101,995	—	30,935	154,272	4,783,386
Non-scheduled services "	9,453	—	9,453	17,534	—	—	1,566	19,100	28,553
Totals "	245,705	4,392,862	4,638,567	38,876	101,995	—	32,501	173,372	4,811,939
Freight:									
Scheduled services "	11,869,093	41,199,089	53,068,182	1,471,841	1,788,008	236,682	175,971	3,672,502	56,740,684
Non-scheduled services "	30,395	—	30,395	154,948	33,712	141,543	116,447	446,650	477,045
Totals "	11,899,488	41,199,089	53,098,577	1,626,789	1,821,720	378,225	292,418	4,119,152	57,217,729
Excess baggage:									
Scheduled services "	673,072	2,134,908	2,807,980	10,825	42,862	33,401	15,566	102,654	2,910,634
Non-scheduled services "	1,694	—	1,694	29,211	1,027	35,459	1,817	67,514	69,208
Totals "	674,766	2,134,908	2,809,674	40,036	43,889	68,860	17,383	170,168	2,979,842
Mail:									
Scheduled services "	2,490,033	15,016,205	17,506,238	140,362	526,010	35,988	64,566	766,926	18,273,164
Non-scheduled services "	47,242	—	47,242	149,542	4,705	23,005	86,773	264,025	311,267
Totals "	2,537,275	15,016,205	17,553,480	289,904	530,715	58,993	151,339	1,030,951	18,584,431
Total:									
Scheduled services "	15,268,450	62,743,064	78,011,514	1,644,370	2,458,875	306,071	287,038	4,696,354	82,707,868
Non-scheduled services "	88,784	—	88,784	351,235	39,444	200,007	206,603	797,289	886,073
Totals "	15,357,234	62,743,064	78,100,298	1,995,605	2,498,319	506,078	493,641	5,493,643	83,593,941
Available ton-miles on scheduled services									
	212,696,422	669,842,377	882,538,799	5,480,354	13,465,448	3,678,781	5,040,830	27,665,413	910,204,212
Weight load factor on scheduled services ³									
	47.3	53.0	...	48.8	50.5	63.7	41.1	...	...

See footnotes at end of table.

TABLE 3. Operating Statistics, Canadian Scheduled Carriers — All Services, by Company, 1964 — Concluded

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Eastern Provincial Airways (1963) ¹	Pacific Western Airlines ¹	Quebecair Inc. ¹	Transair Ltd. ¹	Total ¹	
Transportation services—Concluded:									
Bulk:									
Revenue:									
Departures	No. 538	1,601	2,139	9,608	19,167	144	4,368	33,287	35,426
Hours flown	" 2,788	5,678	8,466	11,746	17,634	171	8,613	38,164	46,630
Miles flown	" 1,262,108	2,557,565	3,819,673	1,121,055	2,313,289	22,105	1,453,271	4,909,720	8,729,393
Passengers carried	" 30,391	72,699	103,090	29,915	44,141	608	14,034	88,698	191,788
Freight carried	lb. 104,967	—	104,967	2,793,485	9,366,096	18,838	8,788,384	20,966,803	21,071,770
Passenger-miles	No. 115,619,810	226,626,956	342,246,766	4,602,628	45,072,121	311,281	14,209,886	64,195,916	406,442,682
Goods ton-miles	" 135,118	—	135,118	217,393	773,572	7,670	4,459,927	5,458,562	5,593,680
Non-transportation services:									
Specialty flying:									
Revenue hours flown	" —	275	275	1,942	—	—	12	1,954	2,229
Total—All services:									
Traffic hours and miles: ⁴									
Revenue:									
Departures	" 22,132	135,368	157,500	22,740	36,184	13,108	16,845	88,877	246,377
Hours flown	" 42,457	180,428	222,885	25,555	35,330	10,647	22,084	93,616	316,501
Miles flown	" 15,294,073	52,604,323	67,898,396	2,981,195	5,000,671	1,823,349	3,344,825	13,150,040	81,048,436
Passengers carried	" 541,014	4,166,453	4,707,467	133,689	224,106	106,875	75,901	540,571	5,248,038
Cargo carried	lb. 9,597,690	78,641,653	88,239,343	10,227,734	16,584,604	2,109,430	10,604,727	39,526,495	127,765,838
Goods carried	" 12,903,578	115,403,539	128,307,117	12,543,386	18,824,578	2,889,409	11,850,505	46,107,878	174,414,995
Passenger-miles	No. 984,513,366	3,150,468,570	4,134,981,936	30,246,000	89,693,065	33,858,847	34,241,050	188,038,962	4,323,020,898
Goods ton-miles	" 15,492,352	62,743,064	78,235,416	2,212,998	3,271,891	513,748	4,953,568	10,952,205	89,187,621
Non-revenue:									
Hours flown	" 1,066	3,243	4,309	1,119	2,134	332	650	4,235	8,544
Passengers carried	" 22,843	..	22,843	3,970	4,223	1,702	1,565	11,460	34,303
Goods carried	lb. 1,727,005	..	1,727,005	197,234	459,843	—	203,907	860,984	2,587,989
Passenger-miles	No. 46,473,640	156,385,133	202,858,773	1,328,833	1,051,444	435,615	830,032	3,645,924	206,504,697
Goods ton-miles	" 2,430,834	4,564,177	6,995,011	36,937	136,367	—	59,005	232,309	7,227,320
Fuel consumed:									
Turbo fuel:									
Quantity	gal. 43,469,122	148,074,467	191,543,589	1,346,166	—	1,599,022	638,627	3,583,815	195,127,404
Cost	\$ 7,188,594	19,657,046	26,845,640	307,535	—	335,607	148,211	791,353	27,636,993
Gasoline:									
Quantity	gal. 4,917,809	—	4,917,809	1,361,311	4,011,779	276,894	2,106,513	7,756,497	12,674,306
Cost	\$ 1,368,682	—	1,368,682	487,308	1,509,866	92,250	822,327	2,911,751	4,280,433
Oil consumed:									
Turbo aircraft:									
Quantity	gal. 4,515	40,428	44,943	674	—	4,008	50	4,732	49,675
Cost	\$ 39,621	384,422	424,043	9,999	—	12,930	501	23,430	447,473
Other aircraft:									
Quantity	gal. 47,051	—	47,051	21,447	47,089	6,302	25,541	100,379	147,430
Cost	\$ 46,218	—	46,218	26,986	58,047	5,426	26,800	117,259	163,477
Average number of employees:									
Pilots and co-pilots	No. 201	605	806	59	80	28	49	216	1,022
Other flight	" 252	732	984	8	42	13	23	86	1,070
General management	" 119	65	184	22	50	49	19	140	324
Maintenance labour	" 539	2,559	3,098	180	185	68	113	546	3,644
Aircraft and traffic servicing	" 846	3,874	4,720	99	100	115	60	374	5,094
Other personnel	" 677	3,799	4,476	29	18	8	48	103	4,579
Totals	" 2,634	11,634	14,268	397	475	281	312	1,465	15,733
Salaries and wages paid:									
Pilots and co-pilots	\$ 3,156,787	9,519,093	12,675,880	533,255	827,153	273,472	489,187	2,123,067	14,798,947
Other flight	\$ 1,556,477	4,065,709	5,622,186	35,108	207,833	43,884	89,338	376,163	5,998,349
General management	\$ 1,215,188	1,321,448	2,536,636	163,260	274,685	250,370	157,157	845,472	3,382,108
Maintenance labour	\$ 3,128,808	16,418,865	19,547,673	994,560	1,080,225	405,949	510,528	2,991,262	22,538,935
Aircraft and traffic servicing	\$ 4,402,418	23,213,997	27,616,415	417,690	730,252	493,638	287,085	1,928,665	29,545,080
Other personnel	\$ 3,208,660	23,857,990	27,066,650	108,174	55,286	51,533	131,228	346,221	27,412,871
Totals	\$ 16,668,338	78,397,102	95,065,440	2,252,047	3,175,434	1,518,846	1,664,523	8,610,850	103,676,290

¹ Routes included in scheduled or non-scheduled services according to predominant class of service.² Breakdown not available.³ Standard passenger weight used: 200 pounds.⁴ Except for hours flown, these data relate to transportation services only.

TABLE 4. Interline Traffic,¹ Canadian Scheduled Carriers — All Services, by Company, 1964

		Canadian Pacific Air lines	Eastern Provincial Air ways (1963)	Pacific Western Air lines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air lines	Total
Revenue passengers carried:								
Originated	No.	427,343	76,268	166,811	106,267	53,851	3,394,088	4,224,628
Domestic interline	"	35,234	23,086	—	—	—	699,666	803,272
Foreign interline	"	45,286	—	—	—	—	—	—
Totals ²	"	507,863	99,354	166,811	106,267	53,851	4,093,754	5,027,900
Revenue express carried:								
Originated	lb.	908,759	166,452	423,582	—	137,734	11,598,173	13,234,700
Domestic interline	"	—	—	—	—	—	—	—
Foreign interline	"	—	—	—	—	—	—	—
Totals ²	lb.	908,759	166,452	423,582	—	137,734	11,598,173	13,234,700
Revenue freight carried:								
Originated	"	7,184,916	7,267,797	6,277,773	2,090,592	711,302	67,043,480	90,575,860
Domestic interline	"	195,954	—	—	—	—	—	195,954
Foreign interline	"	435,423	—	—	—	—	—	435,423
Totals ²	"	7,816,293	7,267,797	6,277,773	2,090,592	711,302	67,043,480	91,207,237
Revenue excess baggage carried:								
Originated	"	574,615	185,807	250,749	359,797	73,429	..	1,444,397 ³
Domestic interline	"	—	—	—	—	—	..	—
Foreign interline	"	—	—	—	—	—	..	—
Totals ²	lb.	574,615	185,807	250,749	359,797	73,429	..	1,444,397 ³
Revenue mail carried:								
Originated	"	2,731,273	1,638,352	1,888,092	420,182	310,255	36,761,886	43,750,040
Domestic interline	"	—	—	—	—	—	—	—
Foreign interline	"	—	—	—	—	—	—	—
Totals ²	lb.	2,731,273	1,638,352	1,888,092	420,182	310,255	36,761,886	43,750,040

¹ Includes only scheduled and non-scheduled services designated as mainline by Air Transport Board.² Excludes division interline.³ Excludes Trans-Canada Air Lines.

TABLE 5. Operating Statistics, Canadian International Carriers — All Revenue Services, by Area of Service, 1964

		Trans- border services	Trans- Atlantic and Polar services	Southern services	Pacific and Orient services	Total International services	Domestic services	Grand total
Unit toll:								
Departures	No.	21,543	4,689	5,050	1,292	32,574	122,788	155,362
Hours flown	"	30,013	18,098	14,425	8,154	70,690	143,454	214,144
Miles scheduled	"	6,872,400	8,330,601	5,780,751	3,616,684	24,600,436	37,520,769	62,121,205
Miles flown:								
Scheduled—Regular	"	6,617,345	8,237,610	5,744,471	3,576,205	24,175,631	36,825,208	61,000,839
Extra sections	"	391,986	325,805	299,949	100,280	1,118,020	1,431,837	2,549,857
Non-scheduled	"	—	—	—	—	—	528,027	528,027
Totals	"	7,009,331	8,563,415	6,044,420	3,676,485	25,293,651	38,785,072	64,078,723
Ratio of regular miles flown to miles scheduled		96.3	98.9	99.4	98.6	98.3	98.1	98.2
Passengers carried	No.	...	...	...	...	1,603,527	3,000,850	4,604,377
Cargo carried	lb.	...	...	...	...	36,504,342	51,630,034	88,134,376
Mail carried	"	...	...	...	...	4,950,679	34,542,480	39,493,159
Passenger-miles	No.	397,952,012	686,016,395	392,576,758	228,933,805	1,705,478,970	2,087,256,200	3,792,735,170
Available seat-miles on scheduled services	"	601,041,631	1,119,580,700	771,819,383	467,142,679	2,959,584,393	3,319,358,890	6,278,943,283
Passenger load factor on scheduled services		66.2	61.3	50.9	49.0	57.6	62.4	60.2
Goods ton-miles:								
Express	No.	736,216	—	—	—	736,216	3,902,351	4,638,567
Freight	"	3,541,061	12,243,703	4,276,435	4,788,708	24,849,907	28,248,670	53,098,577
Excess baggage	"	249,941	419,545	447,814	215,687	1,332,987	1,476,687	2,809,674
Mail	"	499,077	2,191,378	753,642	1,240,654	4,684,751	12,868,729	17,553,480
Totals	"	5,026,295	14,854,626	5,477,891	6,245,049	31,603,861	46,496,437	78,100,298
Available ton-miles on scheduled service	"	76,740,834	163,374,421	102,064,303	60,860,988	403,040,546	479,498,253	882,538,799
Weight load factor on scheduled services ¹		58.4	51.1	43.8	47.9	50.2	52.9	52.8
Bulk:								
Departures	No.	...	...	...	...	5,199	...	...
Hours flown	"	2,692	13,712	576	122	17,102	...	...
Miles flown	"	621,358	4,719,525	164,393	40,040	5,545,316	...	...
Passengers carried	"	...	...	...	...	135,753	...	...
Goods carried	lb.	3,627,197	911,631	64,723	—	4,603,551	...	...
Passenger-miles ¹	No.	...	...	...	...	425,897,459	...	...
Goods ton-miles ²	"	...	...	...	...	203,846	...	...
Total:								
Departures	"	...	...	...	...	37,773	...	...
Hours flown	"	32,705	31,810	15,001	8,276	87,792	...	...
Miles flown	"	7,630,689	13,282,940	6,208,813	3,716,525	30,838,967	...	...
Passengers carried	"	...	...	...	...	1,739,280	...	...
Goods carried	lb.	...	...	...	...	46,058,572	...	...
Passenger-miles ¹	No.	...	...	...	...	2,131,376,429	...	...
Goods ton-miles ²	"	...	...	...	...	31,807,707	...	...

¹ Standard passenger weight used: 200 pounds.² Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 6. Operating Statistics, Foreign Carriers, by Area of Service, 1964

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	955,910	956,974	1,912,884	195,383	240,434	435,817
Bulk transportation "	6,123	5,303	11,426	57,666	59,699	117,365
Totals "	962,033	962,277	1,924,310	253,049	300,133	553,182
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	6,375,075	27,530,180	33,905,255	7,001,687	17,225,205	24,226,892
Bulk transportation "	—	—	—	159,206	70,976	230,182
Totals "	6,375,075	27,530,180	33,905,255	7,160,893	17,296,181	24,457,074
Mail carried (unit toll transportation) "	1,635,468	2,969,474	4,604,942	1,558,446	1,842,121	3,400,567
	All others			Totals		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	80,650	85,085	165,735	1,231,943	1,282,493	2,514,436
Bulk transportation "	1,887	1,924	3,811	65,676	66,926	132,602
Totals "	82,537	87,009	169,546	1,297,619	1,349,419	2,647,038
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	2,084,398	1,442,898	3,527,296	15,461,160	46,198,283	61,659,443
Bulk transportation "	64,723	—	64,723	223,929	70,976	294,905
Totals "	2,149,121	1,442,898	3,592,019	15,685,089	46,269,259	61,954,348
Mail carried (unit toll transportation) "	258,077	285,520	543,597	3,451,991	5,097,115	8,549,106

TABLE 7. Statistical Summary of Group V Carriers, 1964

Operating statistics	1964	Statement of income	1964
Number of reporting carriers ¹	325	Number of reporting carriers No.	284
Unit toll and bulk transportation:		Operating revenues:	dollars
Revenue hours flown No.	113,705	Unit toll and bulk transportation	6,000,782
Revenue passengers carried "	213,231	Specialty flying services	3,689,385
Revenue goods carried lb.	16,540,599	Total flying services	9,690,167
Specialty flying services:		Non-flying services	2,505,698
Revenue hours flown:		Total operating revenues	12,195,865
Flying training No.	82,693	Operating expenses:	
Recreational flying "	19,316	Flying operations	6,002,146
Aerial photography and survey "	728	Maintenance	1,933,334
Aerial photography (excl. survey) "	670	General services and administration	2,994,974
Aerial pest control "	6,721	Depreciation	1,664,830
Aerial advertising "	1	Total operating expenses	12,595,284
Aerial patrol and inspection "	7,788	Operating income (loss)	Dr. 399,419
Aircraft rental "	16,985	Non-operating income — Net	488,648
Aerial fish cultivation "	124	Income before income taxes	89,229
Geophysical survey "	850	Provision for income taxes	110,692
Non-transportation charter "	261	Net income after income taxes	Dr. 21,463
Other specialty flying "	1,212		
Total specialty flying services "	137,349		
Total — All services:			
Revenue hours flown "	251,054		
Non-revenue hours flown "	13,890		

¹ Note that the number of carriers reporting operating data differs from the number reporting a statement of income.

TABLE 8. Balance Sheet, Canadian Carriers, by Revenue Group, Year Ended December 31, 1964

	Scheduled carriers			Non-scheduled carriers			Grand total
	Group I	Group II	Total	Group III	Group IV	Total	
	dollars						
Assets:							
Current assets:							
Cash and special deposits	21,837,339	453,006	22,290,345	888,641	476,624	1,365,265	23,655,610
Notes and accounts receivable	34,814,201	4,618,427	39,432,628	3,963,949	3,485,041	7,448,990	46,881,618
Less: reserve for uncollectible accounts	759,524	70,572	830,096	229,423	143,319	372,742	1,202,838
Materials and supplies	19,907,125	1,404,637	21,311,762	1,895,812	2,034,207	3,930,019	25,241,781
Short term prepayments	1,441,451	219,433	1,660,884	385,022	330,089	715,111	2,375,995
Other current assets	1,989	2,765,199	2,767,188	200,547	1,043,818	1,244,365	4,011,553
Total current assets	77,242,581	9,390,130	86,632,711	7,104,548	7,226,460	14,331,008	100,963,719
Investments and special funds	4,259,479	3,839,685	8,099,164	2,651,259	1,906,630	4,557,889	12,657,053
Property and equipment:							
Operating	339,402,046	20,609,693	360,011,739	24,014,660	19,445,265	43,459,925	403,471,664
Less: accumulated depreciation	117,946,197	7,849,839	125,796,036	12,963,176	10,800,878	23,764,054	149,560,090
Non-operating	149,888	—	149,888	552,248	200,573	752,821	902,709
Less: accumulated depreciation	149,888	—	149,888	247,943	95,050	342,993	492,881
Total property and equipment	221,455,849	12,759,854	234,215,703	11,355,789	8,749,910	20,105,699	254,321,402
Deferred charges:							
Long term prepayments	33,476	4,628	38,104	13,533	225,554	239,087	277,191
Other deferred charges	657,778	1,491,676	2,149,454	406,330	289,691	696,021	2,845,475
Total deferred charges	691,254	1,496,304	2,187,558	419,863	515,245	935,108	3,122,666
Total assets	303,649,163	27,485,973	331,135,136	21,531,459	18,398,245	39,929,704	371,064,840
Liabilities:							
Current liabilities:							
Notes and accounts payable	24,925,289	3,938,859	28,864,148	3,843,863	4,987,983	8,831,846	37,695,994
Current portion of long term debt	—	599,812	599,812	857,369	1,034,852	1,892,221	2,492,033
Accrued taxes	94,256	56,083	150,339	215,659	132,312	347,971	498,310
Other current and accrued liabilities	16,800,441	617,486	17,417,927	654,043	871,366	1,525,409	18,943,336
Total current liabilities	41,819,986	5,212,240	47,032,226	5,570,934	7,026,513	12,597,447	59,629,673
Non-current liabilities:							
Long term debt	—	9,599,167	9,599,167	3,267,160	3,533,946	6,801,106	16,400,273
Other non-current liabilities	242,141,734	309,883	242,451,617	3,381,451	287,379	3,668,830	246,120,447
Total non-current liabilities	242,141,734	9,909,050	252,050,784	6,648,611	3,821,325	10,469,936	262,520,720
Deferred credits	114,212	—	114,212	5,875	294,365	300,240	414,452
Reserves	3,218,354	1,688,521	4,906,875	850,533	81,510	932,043	5,838,918
Capital stock and surplus:							
Capital stock issued and outstanding:							
Preferred	9,750,000	4,669,975	14,419,975	1,334,632	927,895	2,262,527	16,682,502
Common	18,000,000	1,258,813	19,258,813	1,679,953	4,015,569	5,695,522	24,954,335
Other paid-in capital	—	900,255	900,255	669,290	248,949	918,239	1,818,494
Unappropriated surplus	Dr. 11,395,123	3,847,119	Dr. 7,548,004	4,771,631	1,982,119	6,753,750	Dr. 794,254
Total capital stock and surplus	16,354,877	10,676,162	27,031,039	8,455,506	7,174,532	15,630,038	42,661,077
Total liabilities	303,649,163	27,485,973	331,135,136	21,531,459	18,398,245	39,929,704	371,064,840

TABLE 9. Balance Sheet, Canadian Scheduled Carriers, by Company, Year Ended December 31, 1964

	Canadian Pacific Air Lines	Eastern Provincial Airways (1963)	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
	dollars						
Assets:							
Current assets:							
Cash	6,817,892	64,056	7,090	23,176	347,307	14,946,418	22,205,939
Special deposits	—	1,042	2,485	7,850	—	73,029	84,406
Notes and accounts receivable:							
Governments	—	560,553	380,192	188,746	477,780	3,658,316	5,265,587
General traffic	5,669,692	981,183	769,785	200,727	—	13,828,887	21,450,274
Associated companies	248,006	749,747	—	—	1,566	553,684	1,553,003
Company personnel	21,885	13,216	44,513	—	12,316	984,352	1,076,282
Other	1,376,388	45,400	12,717	8,483	171,503	8,472,991	10,087,482
Total notes and accounts receivable	7,315,971	2,350,999	1,207,207	397,956	663,165	27,498,230	39,432,628
Less: reserve for uncollectible accounts	499,524	31,368	20,713	—	18,491	260,000	830,096
Materials and supplies	2,250,938	606,063	491,367	42,314	264,893	17,656,187	21,311,762
Short term prepayments	584,589	13,860	88,465	75,412	41,696	856,862	1,660,884
Other current assets	—	—	395,454	2,369,745	—	1,989	2,767,188
Total current assets	16,469,866	3,003,752	2,171,355	2,916,453	1,298,570	60,772,715	86,632,711
Investments and special funds:							
Investments in associated companies	—	3,708,500	—	49,000	82,185	5,572	3,845,257
Other investments	982,922	—	—	—	—	—	982,922
Special funds	52,631	—	—	—	—	3,218,354	3,270,985
Total investments and special funds	1,035,553	3,708,500	—	49,000	82,185	3,223,926	8,099,164
Property and equipment:							
Operating	22,853,508	6,724,184	5,825,084	3,395,866	4,664,559	316,548,538	360,011,739
Less: accumulated depreciation	12,728,380	798,717	3,194,996	1,687,199	2,168,927	105,217,817	125,796,036
Non-operating	—	—	—	—	—	149,888	149,888
Less: accumulated depreciation	—	—	—	—	—	149,888	149,888
Total property and equipment	10,125,128	5,925,467	2,630,088	1,708,667	2,495,632	211,330,721	234,215,703
Deferred charges:							
Long term prepayments	—	—	4,628	—	—	33,476	38,104
Developmental and pre-operating costs	651,220	94,903	—	—	—	—	746,123
Unamortized discount and expense on debt	—	—	14,034	11,292	—	—	25,326
Property acquisition adjustment	—	—	—	—	—	—	—
Other intangibles	—	—	1,274,593	—	—	—	1,274,593
Other deferred charges	6,558	—	—	96,854	—	—	103,412
Total deferred charges	657,778	94,903	1,293,255	108,146	—	33,476	2,187,558
Total assets	28,288,325	12,732,622	6,094,698	4,782,266	3,876,387	275,360,838	331,135,136
Liabilities:							
Current liabilities:							
Notes and accounts payable:							
Current notes payable	—	692,247	522,138	92,976	—	—	1,307,361
Accounts payable—General	1,588,899	646,678	1,089,138	315,081	546,289	9,106,082	13,292,167
Collections as agents—Traffic	2,813,896	—	14,898	—	16,923	8,055,053	10,900,770
Other	390,176	—	—	—	—	502,097	892,273
Associated companies	—	2,491	—	—	—	2,469,086	2,471,577
Current portion of long term debt	—	—	344,312	—	255,500	—	599,812
Total notes and accounts payable	4,792,971	1,341,416	1,970,486	408,057	818,712	20,132,318	29,463,960
Accrued salaries and wages	845,180	—	145,252	75,469	82,459	1,638,523	2,786,883
Accrued taxes	18,307	—	7,615	—	48,468	75,949	150,339
Dividends payable	—	—	—	—	—	150,000	150,000
Air travel plan liability	—	—	—	—	—	1,815,385	1,815,385
Unearned transportation revenue	3,473,467	92,955	86,551	—	20,802	5,727,359	9,401,134
Other current liabilities	3,150,527	—	62,302	—	51,696	—	3,264,525
Total current liabilities	12,280,452	1,434,371	2,272,206	483,526	1,022,137	29,539,534	47,032,226
Non-current liabilities:							
Long term debt	—	5,500,000	1,214,762	2,178,422	705,983	—	9,599,167
Advances from associated companies	6,322,234	26,213	—	200,000	83,670	235,819,500	242,451,617
Pension liability	—	—	—	—	—	—	—
Other non-current liabilities	—	—	—	—	—	—	—
Total non-current liabilities	6,322,234	5,526,213	1,214,762	2,378,422	789,653	235,819,500	252,050,784
Deferred credits:							
Unamortized premium on debt	—	—	—	—	—	—	—
Other deferred credits	114,212	—	—	—	—	—	114,212
Total deferred credits	114,212	—	—	—	—	—	114,212
Reserves:							
Reserve for major overhauls	—	378,128	280,315	—	1,028,058	—	1,686,501
Reserve for self-insurance	—	—	2,020	—	—	3,218,354	3,220,374
Other reserves	—	—	—	—	—	—	—
Total reserves	—	378,128	282,335	—	1,028,058	3,218,354	4,906,875
Capital stock and surplus:							
Capital stock issued and outstanding:							
Preferred	9,750,000	3,263,800	1,158,950	47,225	200,000	—	14,419,975
Common	13,000,000	998	356,493	500,000	401,322	5,000,000	19,258,813
Capital stock subscribed and unissued	—	—	—	99,745	—	—	99,745
Other paid in capital	—	—	—	1,000,000	—	—	1,000,000
Unappropriated surplus	Dr.13,178,573	2,129,112	809,952	472,838	435,217	1,783,450	Dr. 7,548,004
Total capital stock and surplus	9,571,427	5,393,910	2,325,395	1,920,318	1,036,539	6,783,450	27,031,039
Total liabilities	28,288,325	12,732,622	6,094,698	4,782,266	3,876,387	275,360,838	331,135,136

**TABLE 10. Property and Equipment and Accumulated Depreciation, Canadian Carriers, by Revenue Group,
Year Ended December 31, 1964**

No.		Cost		
		Beginning of year	Additions	Retirements
		dollars		
		Group I and II carriers		
	Operating property and equipment:			
1	Flight equipment	257,119,388	21,929,630	5,966,106
2	Ground equipment	33,921,176	2,950,697	900,765
3	Buildings and other improvements	45,647,599	1,419,557	1,952,125
4	Total flight and ground property and equipment	336,688,163	26,299,884	8,818,996
5	Land	54,699	200	29,350
6	Construction work in progress	7,252,508	Dr. 1,361,087	997
7	Total operating property and equipment	343,995,370	24,938,997	8,849,343
8	Non-operating property and equipment	5,850,800	—	5,700,912
9	Total property and equipment	349,846,170	24,938,997	14,550,255
		Group III carriers		
	Operating property and equipment:			
10	Flight equipment	17,225,550	4,618,756	1,851,042
11	Ground equipment	1,526,551	131,814	111,321
12	Buildings and other improvements	2,816,715	125,474	34,080
13	Total flight and ground property and equipment	21,568,816	4,876,044	1,996,443
14	Land	190,138	2,765	43,514
15	Construction work in progress	—	12,443	—
16	Total operating property and equipment	21,758,954	4,891,252	2,039,957
17	Non-operating property and equipment	553,115	4,287	348,919
18	Total property and equipment	22,312,069	4,895,539	2,388,876
		Group IV carriers		
	Operating property and equipment:			
19	Flight equipment	12,965,473	3,448,991	1,280,227
20	Ground equipment	1,769,818	221,437	135,765
21	Building and other improvements	2,340,933	77,655	27,929
22	Total flight and ground property and equipment	17,076,224	3,748,083	1,443,921
23	Land	72,884	3,017	—
24	Construction work in progress	—	—	—
25	Total operating property and equipment	17,149,108	3,751,100	1,443,921
26	Non-operating property and equipment	189,442	60,718	30,699
27	Total property and equipment	17,338,550	3,811,818	1,474,620

**TABLE 10. Property and Equipment and Accumulated Depreciation, Canadian Carriers, by Revenue Group,
Year Ended December 31, 1964**

Cost		Accumulated depreciation						No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year	End of year	
Debit	Credit			Debit	Credit			
dollars								
Group I and II carriers								
57,559	389,131	272,751,340	79,216,352	4,063,601	1,543	22,248,138	97,402,432	1
3,798,237	3,832,080	35,937,265	15,087,365	702,294	16,678	3,259,019	17,660,768	2
35,931	2,088	45,148,874	9,277,318	510,076	1,185	1,825,449	10,593,876	3
3,891,727	4,223,299	353,837,479	103,581,035	5,275,971	19,406	27,332,606	125,657,076	4
—	—	25,549	—	—	—	—	—	5
700	—	5,891,124	—	—	—	—	—	6
3,892,427	4,223,299	359,754,152	103,581,035	5,275,971	19,406	27,332,606	125,657,076	7
257,587	—	407,475	4,996,222	4,937,899	138,959	91,565	288,847	8
4,150,014	4,223,299	360,161,627	108,577,257	10,213,870	158,365	27,424,171	125,945,923	9
Group III carriers								
5,743	269,173	19,729,834	9,966,028	1,237,564	385,922	1,628,230	10,742,616	10
—	1,885	1,545,159	875,264	62,982	Dr. 846	118,192	929,628	11
5,991	31,114	2,882,986	1,264,040	72,852	9,469	197,276	1,397,933	12
11,734	302,172	24,157,979	12,105,332	1,373,398	394,545	1,943,698	13,070,177	13
—	2,000	147,389	—	—	—	—	—	14
—	—	12,443	—	—	—	734	734	15
11,734	304,172	24,317,811	12,105,332	1,373,398	394,545	1,944,432	13,070,911	16
—	—	208,483	161,851	100,492	—	25,130	86,489	17
11,734	304,172	24,526,294	12,267,183	1,473,890	394,545	1,969,562	13,157,400	18
Group IV carriers								
69,060	93,972	15,109,325	8,009,807	742,478	25,025	1,400,954	8,693,308	19
904	20,530	1,835,864	1,115,998	88,585	1,012	150,235	1,178,660	20
23,580	932	2,413,307	723,339	14,922	3,969	107,569	819,955	21
93,544	115,434	19,358,496	9,849,144	845,985	30,006	1,658,758	10,691,923	22
1,193	—	77,094	—	—	—	—	—	23
—	—	—	—	—	—	—	—	24
94,737	115,434	19,435,590	9,849,144	845,985	30,006	1,658,758	10,691,923	25
1,045	10,244	210,262	132,660	13,478	73,535	11,210	203,927	26
95,782	125,678	19,645,852	9,981,804	859,463	103,541	1,669,968	10,895,850	27

**TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1964**

No.		Cost		
		Beginning of year	Additions	Retirements
		dollars		
		Trans-Canada Air Lines		
	Operating property and equipment:			
	Flight equipment:			
1	Airframes	160,135,443	16,768,467	985,038
2	Aircraft engines	40,378,514	2,571,311	140,264
3	Aircraft propellers	3,250,034	115,368	17,800
4	Aircraft communications and navigational equipment	3,687,815	590,122	364,172
5	Miscellaneous flight equipment	75,178	—	—
6	Flight equipment, spare parts and assemblies	15,843,001	826,836	959,022
7	Total flight equipment, spare parts and assemblies	223,369,985	20,872,104	2,466,296
	Ground property and equipment:			
8	Ramp equipment	6,812,561	529,897	29,059
9	Communications and meteorological equipment	4,297,917	21,884	157,589
10	Maintenance and engineering equipment	8,887,660	213,302	124,639
11	Surface transport vehicles and equipment	352,060	60,332	46,433
12	Furniture, fixtures and office equipment	2,744,312	175,118	94,620
13	Miscellaneous ground equipment	3,924,739	1,590,239	55,796
14	Buildings and other improvements	39,705,794	492,693	360,576
15	Total operating ground property and equipment	66,725,043	3,083,465	868,712
16	Land	—	—	—
17	Construction work in progress	7,251,511	Dr. 1,418,562	—
18	Total operating property and equipment	297,346,539	22,537,007	3,335,008
19	Non-operating property and equipment	5,850,800	—	5,700,912
20	Total property and equipment	303,197,339	22,537,007	9,035,920
		Canadian Pacific Air Lines		
	Operating property and equipment:			
	Flight equipment:			
21	Airframes	8,389,492	38,183	1,492,670
22	Aircraft engines	2,018,672	30,776	323,984
23	Aircraft propellers	390,903	10,944	66,384
24	Aircraft communications and navigational equipment	347,203	—	52,522
25	Miscellaneous flight equipment	406,761	3,938	1,860
26	Flight equipment spare parts and assemblies	5,034,285	150,057	337,722
27	Total flight equipment	16,587,316	233,898	2,275,142
	Ground property and equipment:			
28	Ramp equipment	1,144,265	110,366	202
29	Communications and meteorological equipment	49,110	—	150
30	Maintenance and engineering equipment	1,809,593	33,685	—
31	Surface transport vehicles and equipment	158,643	6,133	5,321
32	Furniture, fixtures and office equipment	541,604	65,538	2,962
33	Miscellaneous ground equipment	1,185,923	20,799	13,614
34	Buildings and other improvements	3,148,258	58,259	4,497
35	Total operating ground property and equipment	8,037,396	294,780	26,746
36	Land	2,106	—	100
37	Construction work in progress	—	—	—
38	Total operating property and equipment	24,626,818	528,678	2,301,988
39	Non-operating property and equipment	—	—	—
40	Total property and equipment	24,626,818	528,678	2,301,988

**TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1964**

Cost		Accumulated depreciation							No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year		End of year	
Debit	Credit			Debit	Credit	Rate	Amount		
dollars									
Trans-Canada Air Lines									
—	—	175,918,872	45,200,980	678,028	—	..	14,763,264	59,286,216	1
—	—	42,809,561	12,111,701	105,449	—	..	2,847,696	14,853,948	2
—	—	3,347,602	1,090,785	13,595	—	..	300,928	1,378,118	3
—	—	3,913,765	1,420,759	227,124	—	..	484,126	1,677,761	4
—	—	75,178	19,586	—	—	..	2,785	22,371	5
—	—	15,710,815	4,897,178	725,225	—	..	1,398,702	5,570,655	6
—	—	241,775,793	64,740,989	1,749,421	—	...	19,797,501	82,789,069	7
—	—	7,313,399	2,763,151	27,976	—	..	772,753	3,507,928	8
—	3,762,776	399,436	1,025,584	150,651	Dr. 656,760	..	30,496	248,669	9
—	—	8,976,323	4,851,852	119,805	—	..	798,374	5,530,421	10
—	—	365,959	250,429	37,989	—	..	1,844	214,284	11
—	—	2,824,810	1,120,077	83,056	—	..	244,689	1,281,710	12
3,762,776	—	9,221,958	1,296,586	54,641	656,760	..	856,186	2,754,891	13
—	—	39,837,911	7,584,115	296,201	—	..	1,602,931	8,890,845	14
3,762,776	3,762,776	68,939,796	18,891,794	770,319	—	...	4,307,273	22,428,748	15
—	—	—	—	—	—	—	—	—	16
—	—	5,832,949	—	—	—	—	—	—	17
—	—	316,548,538	83,632,783	2,519,740	—	...	24,104,774	105,217,817	18
—	—	149,888	4,996,222	4,937,899	—	—	91,565	149,888	19
3,762,776	3,762,776	316,698,426	88,629,005	7,457,639	—	...	24,196,339	105,367,705	20
Canadian Pacific Air Lines									
—	—	6,935,005	4,925,611	1,268,770	—	8.5	618,937	4,275,778	21
—	—	1,725,464	1,404,573	239,726	—	8.5	74,941	1,239,788	22
—	—	335,463	226,321	54,539	—	8.5	26,796	198,578	23
—	—	294,681	222,363	44,644	—	8.5	20,220	197,939	24
—	—	408,839	184,456	1,581	—	8.5	23,644	216,519	25
—	—	4,846,620	2,132,470	144,464	—	10.0	495,111	2,483,117	26
—	—	14,546,072	9,095,794	1,753,724	—	...	1,269,649	8,611,719	27
7,828	23,378	1,238,879	413,770	8,810	7,828	10.0	110,444	523,232	28
—	—	48,960	49,110	150	—	—	—	48,960	29
24,698	—	1,867,976	1,060,094	—	8,815	10.0	105,101	1,174,010	30
2,088	14,399	147,144	69,227	12,049	—	25.0	29,642	86,820	31
606	29,147	575,639	349,233	3,096	—	10.0	32,675	378,812	32
—	1,320	1,191,788	697,599	12,911	—	10.0	108,760	793,448	33
35,112	2,088	3,235,044	1,003,576	4,497	711	...	111,589	1,111,379	34
70,332	70,332	8,305,430	3,642,609	41,513	17,354	...	498,211	4,116,661	35
—	—	2,006	—	—	—	—	—	—	36
—	—	—	—	—	—	—	—	—	37
70,332	70,332	22,853,508	12,738,403	1,795,237	17,354	—	1,767,860	12,728,380	38
—	—	—	—	—	—	—	—	—	39
70,332	70,332	22,853,508	12,738,403	1,795,237	17,354	...	1,767,860	12,728,380	40

**TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1964 — Continued**

No.		Cost		
		Beginning of year	Additions	Retirements
		dollars		
		Eastern Provincial Airways (1963)		
	Operating property and equipment:			
	Flight equipment:			
1	Airframes	3,357,400	—	209,400
2	Aircraft engines	793,000	—	25,000
3	Aircraft propellers	125,000	—	3,500
4	Aircraft communications and navigational equipment	476,000	—	18,808
5	Miscellaneous flight equipment	899	4,721	—
6	Flight equipment, spare parts and assemblies	849,437	292,215	35,853
7	Total flight equipment	5,601,736	296,936	292,561
	Ground property and equipment:			
8	Ramp equipment	49,453	6,693	—
9	Communications and meteorological equipment	31,616	1,407	250
10	Maintenance and engineering equipment	56,757	9,143	—
11	Surface transport vehicles and equipment	18,931	360	3,955
12	Furniture, fixtures and office equipment	63,009	19,489	1,207
13	Miscellaneous ground equipment	58,358	7,687	33
14	Buildings and other improvements	746,799	68,478	17,141
15	Total operating ground property and equipment	1,024,923	113,257	22,586
16	Land	2,479	—	—
17	Construction work in progress	—	—	—
18	Total operating property and equipment	2,479	—	—
19	Non-operating property and equipment	—	—	—
20	Total property and equipment	6,629,138	410,193	315,147
		Pacific Western Airlines		
	Operating property and equipment:			
	Flight equipment:			
21	Airframes	2,945,834	25,999	63,874
22	Aircraft engines	742,663	50,881	22,366
23	Aircraft propellers	—	—	—
24	Aircraft communications and navigational equipment	153,204	19,572	1,909
25	Miscellaneous flight equipment	26,616	26,154	—
26	Flight equipment, spare parts and assemblies	634,309	118,147	23,799
27	Total flight equipment	4,502,626	240,753	111,948
	Ground property and equipment:			
28	Ramp equipment	—	—	—
29	Communications and meteorological equipment	144,320	1,483	2,172
30	Maintenance and engineering equipment	173,462	19,953	1,951
31	Surface transport vehicles and equipment	113,024	975	2,476
32	Furniture, fixtures and office equipment	152,045	3,640	461
33	Miscellaneous ground equipment	106,087	11,854	231
34	Buildings and other improvements	474,411	1,713	29,857
35	Total operating ground property and equipment	1,163,349	39,618	37,148
36	Land	1,352	—	550
37	Construction work in progress	997	24,645	997
38	Total operating property and equipment	5,668,324	305,016	150,643
39	Non-operating property and equipment	—	—	—
40	Total property and equipment	5,668,324	305,016	150,643

**TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1964 — Continued**

Cost		Accumulated depreciation							No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year		End of year	
Debit	Credit			Debit	Credit	Rate	Amount		
dollars									
Eastern Provincial Airways (1963)									
-	-	3,148,000	104,469	2,947	-	-	309,924	411,446	1
-	-	768,000	24,754	942	-	-	100,148	123,960	2
-	-	121,500	3,870	118	-	-	15,070	18,822	3
-	-	457,192	14,979	707	-	-	47,700	61,972	4
-	-	5,620	22	-	-	-	104	126	5
-	-	1,105,799	25,483	-	-	-	31,110	56,593	6
-	-	5,606,111	173,577	4,714	-	-	504,056	672,919	7
-	-	56,146	4,121	-	-	-	12,363	16,484	8
-	-	32,773	2,108	-	-	-	6,323	8,431	9
-	-	65,900	3,784	-	-	-	11,351	15,135	10
-	-	15,336	1,578	-	-	-	4,728	6,306	11
-	-	81,291	4,198	-	-	-	12,595	16,793	12
-	-	66,012	4,552	-	-	-	13,656	18,208	13
-	-	798,136	12,446	5,314	-	-	37,309	44,441	14
-	-	1,115,594	32,787	5,314	-	-	98,325	125,798	15
-	-	2,479	-	-	-	-	-	-	16
-	-	-	-	-	-	-	-	-	17
-	-	2,479	-	-	-	-	-	-	18
-	-	-	-	-	-	-	-	-	19
-	-	6,724,184	206,364	10,028	-	-	602,381	798,717	20
Pacific Western Airline									
-	795	2,907,164	1,738,293	51,554	-	..	126,631	1,813,370	21
-	-	771,178	110,806	1,126	-	..	31,247	140,927	22
-	-	-	-	-	-	-	-	-	23
-	1,040	169,827	95,749	3,054	1,543	12.5	13,184	107,422	24
-	-	52,770	17,286	-	-	12.5	3,812	21,098	25
4,100	578	732,179	382,956	13,653	-	12.5	79,916	449,219	26
4,100	2,413	4,633,118	2,345,090	69,387	1,543	...	254,790	2,532,036	27
-	-	-	-	-	-	-	-	-	28
-	-	143,631	95,293	2,057	-	10.0	12,459	105,695	29
-	-	191,464	129,359	1,149	-	10.0	12,869	141,079	30
-	-	111,523	96,826	2,475	-	20.0	5,338	99,689	31
-	-	155,224	110,170	409	-	10.0	10,159	119,920	32
-	-	117,710	61,544	136	-	10.0	9,601	71,009	33
-	-	446,267	120,559	22,753	-	5.0-10.0	27,762	125,568	34
-	-	1,165,819	613,751	28,979	-	...	78,188	662,960	35
-	-	802	-	-	-	-	-	-	36
700	-	25,345	-	-	-	-	-	-	37
4,800	2,413	5,825,084	2,958,841	98,366	1,543	-	332,978	3,194,996	38
-	-	-	-	-	-	-	-	-	39
4,800	2,413	5,825,084	2,958,841	98,366	1,543	...	332,978	3,194,996	40

**TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1964 — Concluded**

No.		Cost		
		Beginning of year	Additions	Retirements
		dollars Quebecair		
	Operating property and equipment:			
	Flight equipment:			
1	Airframes	2,716,171	7,308	137,326
2	Aircraft engines	152,056	—	152,056
3	Aircraft propellers	107,634	—	—
4	Aircraft communications and navigational equipment	215,094	5,636	220,730
5	Miscellaneous flight equipment	18,799	8,340	3,775
6	Flight equipment, spare parts and assemblies	418,759	198,858	158,850
7	Total flight equipment	3,628,513	220,142	672,737
	Ground property equipment:			
8	Ramp equipment	216,977	—	199,631
9	Communications and meteorological equipment	71,101	5,750	76,151
10	Maintenance and engineering equipment	146,522	5,982	51,109
11	Surface transport vehicles and equipment	17,242	9,714	26,956
12	Furniture, fixtures, and office equipment	124,844	4,063	679
13	Miscellaneous ground equipment	23,370	232	627
14	Buildings and other improvements	733,118	798,314	1,532,251
15	Total operating ground property and equipment	1,333,174	824,055	1,887,404
16	Land	24,000	200	24,200
17	Construction work in progress	—	—	—
18	Total operating property and equipment	4,985,687	1,044,397	2,584,341
19	Non-operating property and equipment	—	—	—
20	Total property and equipment	4,985,687	1,044,397	2,584,341
		Transair Ltd.		
	Operating property and equipment:			
	Flight equipment:			
21	Airframes	2,170,638	59,657	69,737
22	Aircraft engines	936,341	3,775	74,674
23	Aircraft propellers	—	—	—
24	Aircraft communications and navigational equipment	116,249	2,365	3,011
25	Miscellaneous flight equipment	80,984	—	—
26	Flight equipment, spare parts and assemblies	125,000	—	—
27	Total flight equipment	3,429,212	65,797	147,422
	Ground property and equipment:			
28	Ramp equipment	—	—	—
29	Communications and meteorological equipment	76,060	853	—
30	Maintenance and engineering equipment	177,920	2,164	168
31	Surface transport vehicles and equipment	94,750	8,114	2,323
32	Furniture, fixtures and office equipment	93,305	3,848	—
33	Miscellaneous ground equipment	3,636	—	—
34	Buildings and other improvements	839,219	100	7,803
35	Total operating ground property and equipment	1,284,890	15,079	10,294
36	Land	24,762	—	4,500
37	Construction work in progress	—	32,830	—
38	Total operating property and equipment	4,738,864	113,706	162,216
39	Non-operating property and equipment	—	—	—
40	Total property and equipment	4,738,864	113,706	162,216

**TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1964 — Concluded**

Cost			Accumulated depreciation							No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year		End of year		
Debit	Credit			Debit	Credit	Rate	Amount			
dollars										
Quebecair										
—	—	2,586,153	1,357,725	82,487	—	10.0	255,926	1,531,164	1	
—	—	—	68,943	68,943	—	—	—	—	2	
—	42,634	65,000	—	—	—	—	—	—	3	
—	—	—	101,198	101,198	—	—	—	—	4	
—	—	23,364	7,253	—	—	10.0	2,111	9,363	5	
52,934	60,177	451,524	—	—	—	—	—	—	6	
52,934	102,811	3,126,041	1,535,119	252,628	—	—	258,037	1,540,527	7	
241	—	17,587	123,855	114,806	24	10.0	1,705	10,778	8	
—	700	—	40,335	40,335	—	—	—	—	9	
—	147	101,248	69,141	23,552	11	10.0	9,486	55,086	10	
—	—	—	4,714	4,714	—	—	—	—	11	
—	213	128,015	58,116	538	—	10.0	12,573	70,151	12	
—	—	22,975	8,607	250	—	10.0	2,298	10,655	13	
819	—	—	175,883	176,357	473	—	—	—	14	
1,060	1,060	269,825	480,651	360,552	508	—	26,062	146,670	15	
—	—	—	—	—	—	—	—	—	16	
—	—	—	—	—	—	—	—	—	17	
53,994	103,871	3,395,866	2,015,770	613,180	508	—	284,099	1,687,197	18	
—	—	—	—	—	—	—	—	—	19	
53,994	103,871	3,395,866	2,015,770	613,180	508	—	284,099	1,687,197	20	
Transair Ltd.										
—	258,112	1,902,446	1,057,308	186,933	—	..	150,119	1,020,494	21	
—	—	865,442	103,841	43,976	—	—	—	59,865	22	
—	—	—	—	—	—	—	—	—	23	
—	—	115,603	89,377	2,818	—	40	11,695	98,254	24	
525	—	81,509	75,257	—	—	40	2,291	77,548	25	
—	25,795	99,205	—	—	—	—	—	—	26	
525	283,907	3,064,205	1,325,783	233,727	—	...	164,105	1,256,161	27	
—	—	—	—	—	—	—	—	—	28	
—	—	76,913	56,721	—	—	25	5,048	61,769	29	
—	—	179,916	114,562	82	—	20	13,104	127,584	30	
—	—	100,541	84,045	657	—	30	5,646	89,034	31	
—	—	97,153	65,566	—	—	20	6,317	71,883	32	
—	—	3,636	1,458	—	—	20	436	1,894	33	
—	—	831,516	380,739	4,954	—	10	45,858	421,643	34	
—	—	1,289,675	703,091	5,693	—	...	76,409	773,807	35	
—	—	20,262	—	—	—	—	—	—	36	
—	—	32,830	—	—	—	—	—	—	37	
525	283,907	4,406,972	2,028,874	239,420	—	...	240,514	2,029,968	38	
257,587	—	257,587	—	—	138,959	—	—	138,959	39	
258,112	283,907	4,664,559	2,028,874	239,420	138,959	...	240,514	2,168,927	40	

TABLE 12. Statement of Income, Canadian Carriers — All Services, by Revenue Group, Year Ended December 31, 1964

	Scheduled carriers			Non-scheduled carriers			Grand total	Grand total 1963
	Group I	*Group II ¹	Total	Group III ¹	Group IV	Total		
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	226, 115, 732	10, 984, 685	237, 100, 417	2, 776, 136	312, 593	3, 088, 729	240, 189, 146	225, 678, 737
Express	4, 240, 728	210, 213	4, 450, 941	102, 759	17, 220	119, 979	4, 570, 920	4, 383, 224
Freight	14, 509, 661	2, 361, 351	16, 871, 012	1, 048, 618	117, 072	1, 165, 690	18, 036, 702	14, 413, 507
Excess baggage	1, 455, 947	210, 898	1, 666, 845	60, 261	5, 890	66, 151	1, 732, 996	1, 579, 104
Mail	14, 968, 807	1, 596, 630	16, 565, 437	563, 188	50, 573	613, 761	17, 179, 198	15, 812, 298
Total unit toll transportation	261, 290, 875	15, 363, 777	276, 654, 652	4, 550, 962	503, 348	5, 054, 310	281, 708, 962	261, 866, 870
Bulk transportation	11, 801, 292	7, 431, 485	19, 232, 777	13, 851, 699	9, 597, 215	23, 448, 914	42, 681, 691	36, 990, 642
Total transportation	273, 092, 167	22, 795, 262	295, 887, 429	18, 402, 661	10, 100, 563	28, 503, 224	324, 390, 653	298, 857, 512
Other flying services	72, 542	258, 015	330, 557	2, 304, 966	3, 611, 938	5, 916, 904	6, 247, 461	4, 849, 485
Total flying services	273, 164, 709	23, 053, 277	296, 217, 986	20, 707, 627	13, 712, 501	34, 420, 128	330, 638, 114	303, 706, 997
Non-flying services	2, 238, 458	289, 296	2, 527, 754	660, 743	1, 104, 263	1, 765, 006	4, 292, 760	5, 128, 916
Total operating revenue	275, 403, 167	23, 342, 573	298, 745, 740	21, 368, 370	14, 816, 764	36, 185, 134	334, 930, 874	308, 835, 913
Operating expenses:								
Flying operations	64, 666, 479	8, 015, 030	72, 681, 509	8, 061, 075	5, 690, 038	13, 751, 113	86, 432, 622	82, 760, 169
Maintenance	52, 331, 768	6, 712, 158	59, 043, 926	5, 928, 961	4, 006, 255	9, 935, 216	68, 979, 142	62, 260, 306
General services and administration:								
Passenger service	20, 482, 284	848, 153	21, 330, 437	..	..	..	..	..
Aircraft and traffic servicing	37, 826, 869	3, 171, 061	40, 997, 930	..	..	..	..	..
Promotion and sales	43, 149, 839	1, 572, 131	44, 721, 970	..	..	..	..	..
General administration	10, 772, 337	1, 338, 371	12, 110, 708	..	..	..	..	..
Totals	112, 231, 329	6, 929, 716	119, 161, 045	3, 974, 468	2, 409, 604	6, 384, 072	125, 545, 117	115, 877, 172
Depreciation and amortization	29, 939, 180	1, 234, 450	31, 173, 630	1, 946, 178	1, 492, 940	3, 439, 118	34, 612, 748	33, 244, 523
Total operating expenses	259, 168, 756	22, 891, 354	282, 060, 110	19, 910, 682	13, 598, 837	33, 509, 519	315, 569, 629	294, 142, 170
Operating income (loss)	16, 234, 411	451, 219	16, 685, 630	1, 457, 688	1, 217, 927	2, 675, 615	19, 361, 245	14, 693, 743
Non-operating income — Net:								
Capital gains and losses	1, 552, 559	543, 527	2, 096, 086	325, 715	148, 673	474, 388	2, 570, 474	Dr. 230, 907
Interest and discounts	2, 127, 636	3, 646	2, 131, 282	26, 212	10, 963	37, 175	2, 168, 457	1, 456, 837
Miscellaneous non-operating income	86, 390	54, 914	141, 304	Dr. 60, 982	74, 789	13, 807	155, 111	211, 458
Income before interest expense	20, 000, 996	1, 053, 306	21, 054, 302	1, 748, 633	1, 452, 352	3, 200, 985	24, 255, 287	16, 131, 131
Interest expense	13, 776, 177	700, 946	14, 477, 123	464, 002	445, 978	909, 980	15, 387, 103	14, 248, 482
Income before income taxes	6, 224, 819	352, 360	6, 577, 179	1, 284, 631	1, 006, 374	2, 291, 005	8, 868, 184	1, 882, 649
Provision for income taxes	—	Cr. 1, 400	Cr. 1, 400	313, 005	163, 469	476, 474	475, 074	492, 589
Net income after income taxes	6, 224, 819	353, 760	6, 578, 579	971, 626	842, 905	1, 814, 531	8, 393, 110	1, 390, 060

¹ Nordair Ltd. included with Group III carriers for purposes of this report.

TABLE 13. Statement of Income, Canadian Scheduled Carriers — All Services, by Company, Year Ended December 31, 1964

	Canadian Pacific Air Lines	Eastern Provincial Airways (1963)	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans-Canada Air Lines	Total	Total 1963
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	49, 023, 945	2, 187, 571	4, 009, 325	3, 003, 886	1, 783, 903	177, 091, 787	237, 100, 417	222, 759, 067
Express	199, 453	37, 532	136, 396	—	36, 285	4, 041, 275	4, 450, 941	4, 246, 327
Freight	3, 792, 357	766, 390	891, 931	430, 932	272, 098	10, 717, 304	16, 871, 012	13, 417, 520
Excess baggage	433, 514	37, 332	87, 842	69, 240	16, 484	1, 022, 433	1, 666, 845	1, 518, 551
Mail	3, 066, 034	601, 686	595, 951	82, 069	316, 924	11, 902, 773	16, 565, 437	15, 254, 049
Total unit toll transportation	56, 515, 303	3, 630, 511	5, 721, 445	3, 586, 127	2, 425, 694	204, 775, 572	276, 654, 652	257, 195, 514
Bulk transportation	4, 024, 127	1, 727, 479	3, 120, 508	36, 087	2, 547, 411	7, 777, 165	19, 232, 777	15, 954, 697
Total transportation	60, 539, 430	5, 357, 990	8, 841, 953	3, 622, 214	4, 973, 105	212, 552, 737	295, 887, 429	273, 150, 211
Other flying services	—	256, 956	—	—	1, 059	72, 542	330, 557	425, 530
Total flying services	60, 539, 430	5, 614, 946	8, 841, 953	3, 622, 214	4, 974, 164	212, 625, 279	296, 217, 986	273, 575, 741
Non-flying services	954, 029	139, 802	28, 260	56, 363	64, 871	1, 284, 429	2, 527, 754	3, 192, 305
Total operating revenue	61, 493, 459	5, 754, 748	8, 870, 213	3, 678, 577	5, 039, 035	213, 909, 708	298, 745, 740	276, 768, 046
Operating expenses:								
Flying operations	20, 064, 246	1, 777, 134	3, 532, 660	937, 879	1, 767, 357	44, 602, 233	72, 681, 509	70, 159, 793
Maintenance	8, 461, 347	2, 184, 424	1, 813, 368	972, 406	1, 741, 960	43, 870, 421	59, 043, 926	53, 837, 554
General services and administration:								
Passenger service	4, 783, 313	184, 187	361, 237	126, 071	176, 658	15, 698, 971	21, 330, 437	19, 001, 849
Aircraft and traffic servicing	6, 668, 626	999, 063	1, 607, 674	353, 252	211, 072	31, 158, 243	40, 997, 930	37, 855, 026
Promotion and sales	11, 236, 614	158, 695	335, 503	623, 542	454, 391	31, 913, 225	44, 721, 970	41, 149, 203
General administration	2, 263, 204	299, 904	469, 603	320, 985	247, 879	8, 509, 133	12, 110, 708	11, 854, 704
Totals	24, 951, 757	1, 641, 849	2, 774, 017	1, 423, 850	1, 090, 000	87, 279, 572	119, 161, 045	109, 860, 781
Depreciation and amortization	2, 164, 670	333, 172	376, 669	284, 099	240, 510	27, 774, 510	31, 173, 630	30, 024, 444
Total operating expenses	55, 642, 020	5, 936, 579	8, 496, 714	3, 618, 234	4, 839, 827	203, 526, 736	282, 060, 110	263, 882, 571
Operating income (loss)	5, 851, 439	Dr. 181, 831	373, 499	60, 343	199, 208	10, 382, 972	16, 685, 630	12, 885, 475
Non-operating income — Net:								
Capital gains and losses	525, 485	163, 260	86, 773	247, 302	46, 192	1, 027, 074	2, 096, 086	Dr. 793, 091
Interest and discounts	704, 603	625	—	132	2, 889	1, 423, 033	2, 131, 282	1, 419, 377
Miscellaneous non-operating income	22, 636	66, 234	3, 010	Dr. 9, 081	Dr. 5, 249	63, 754	141, 304	162, 930
Income before interest expense	7, 104, 163	48, 288	463, 282	298, 696	243, 040	12, 896, 833	21, 054, 302	13, 674, 681
Interest expense	2, 284, 919	357, 152	124, 358	147, 858	71, 578	11, 491, 258	14, 477, 123	13, 513, 101
Income before income taxes	4, 819, 244	Dr. 308, 864	338, 924	150, 838	171, 462	1, 405, 575	6, 577, 179	161, 58
Provision for income taxes	—	—	7, 600	—	Cr. 9, 000	—	Cr. 1, 400	115, 42
Net income after income taxes	4, 819, 244	Dr. 308, 864	331, 324	150, 838	180, 462	1, 405, 575	6, 578, 579	46, 15

TABLE 14. Operating Expense Analysis, Canadian Group III Carriers, Year Ended December 31, 1964

Expenses	Functional classification						Grand total
	Flying operations	Maintenance			General services and administration	Depreciation and amortization	
		Direct maintenance flight equipment	Direct maintenance ground property and equipment	Maintenance burden			
	dollars						
Salaries, wages and personnel expenses:							
General management	—	—	—	64,894	572,647	—	637,541
Pilots and co-pilots	2,735,938	—	—	—	—	—	2,735,938
Other flight personnel	168,485	—	—	—	62,196	—	230,681
Maintenance labour	—	1,584,671	118,549	156,928	—	—	1,860,148
Aircraft and traffic handling	—	—	—	—	705,389	—	705,389
Trainees, instructors and unallocated shop labour	54,745	—	—	109,098	38,051	—	201,894
Communications	—	—	—	8,974	75,410	—	84,384
Other personnel	—	—	—	144,694	496,879	—	641,573
Personnel expenses	416,306	—	—	59,206	246,355	—	721,867
Totals	3,375,474	1,584,671	118,549	543,794	2,196,927	—	7,819,415
Materials and supplies:							
Aircraft fuels and oils	2,902,365	—	—	—	—	—	2,902,365
Maintenance materials and supplies	—	1,142,543	122,707	48,020	—	—	1,313,270
Shop and servicing supplies	—	—	—	52,750	8,347	—	61,097
Stationery, printing and office supplies	—	—	—	16,616	92,560	—	109,176
Passenger food expense	—	—	—	—	93,597	—	93,597
Other supplies	54,812	—	—	24,932	49,610	—	129,354
Inventory adjustments	—	—	—	15,896	264	—	16,160
Totals	2,957,177	1,142,543	122,707	158,214	244,378	—	4,625,019
Other expenses:							
Communications purchased	—	—	—	24,652	198,715	—	223,367
Light, heat, power and water	—	—	—	77,277	87,296	—	164,573
Traffic commissions	—	—	—	—	98,318	—	98,318
Professional and technical fees and expenses	—	—	—	836	170,903	—	171,739
Other services — Associated companies	—	—	—	—	37,001	—	37,001
Total repairs and other services — Outside	—	1,569,812	26,131	48,254	156,049	—	1,800,246
Rentals	534,385	—	138	82,518	150,609	—	767,650
Landing fees — Canadian	170,549	—	—	—	—	—	170,549
Foreign	—	—	—	—	—	—	—
Insurance — P.L., P.D. and traffic liability	818,185	—	—	59,746	88,785	—	966,716
Employee welfare	163,362	—	—	68,937	144,272	—	376,571
Injuries, loss and damage	14,343	—	—	652	12,275	—	27,270
Advertising and publicity	—	—	—	—	83,729	—	83,729
Interrupted trip expense	—	—	—	—	8,736	—	8,736
Uncollectible accounts	—	—	—	—	69,264	—	69,264
Taxes, other than income and payroll	—	—	—	—	71,467	—	71,467
Other expenses	27,601	—	—	8,907	155,745	—	192,253
Overhaul provisions — Airframes	—	290,671	—	—	—	—	290,671
Aircraft engines	—	—	—	—	—	—	—
Totals	1,728,425	1,860,483	26,269	371,779	1,533,164	—	5,520,120
Depreciation and amortization:							
Amortization	—	—	—	—	—	7,620	7,620
Depreciation — Flight equipment	—	—	—	—	—	1,621,082	1,621,082
Maintenance equipment and hangars	—	—	—	—	—	160,579	160,579
General ground property	—	—	—	—	—	156,898	156,898
Grand totals	8,061,076	4,587,697	267,525	1,073,787	3,974,469	1,946,179	19,910,733

TABLE 15. Operating Expense Analysis, Canadian Group IV Carriers, Year Ended December 31, 1964

Expenses	Functional classification					
	Aircraft operating expenses	Maintenance		General services and administration	Depreciation and amortization	Grand total
		Flight equipment	Ground property and equipment			
dollars						
Salaries, wages, and personnel expenses:						
General management	—	20,398	6,849	645,171	—	672,418
Flight personnel	2,153,180	—	—	14,400	—	2,167,580
Maintenance labour	—	1,324,719	68,579	—	—	1,393,298
Aircraft and traffic handling	—	—	—	97,684	—	97,684
Other personnel	—	12,258	17,097	361,871	—	391,226
Personnel expenses	246,196	39,680	6,887	156,726	—	449,489
Totals	2,399,376	1,397,055	99,412	1,275,852	—	5,171,695
Materials and supplies:						
Aircraft fuel and oils	1,614,100	—	—	—	—	1,614,100
Maintenance materials and supplies	—	919,451	166,123	—	—	1,085,574
Other supplies	174,338	73,881	11,685	64,018	—	323,922
Totals	1,788,438	993,332	177,808	64,018	—	3,023,596
Other expenses:						
Repairs and other services—Outside	—	989,560	103,450	19,972	—	1,112,982
Rentals	464,994	25,157	90,757	73,682	—	654,590
Insurance—P.L., P.D. and traffic liability	792,353	2,352	46,282	29,041	—	870,028
Other expenses	204,322	36,487	82,562	939,639	—	1,263,010
Depreciation—Flight equipment	—	—	—	—	1,259,209	1,259,209
Ground property and equipment	—	—	—	—	242,294	242,294
Totals	1,461,669	1,053,556	323,051	1,062,334	1,501,503	5,402,113
Grand totals	5,649,483	3,443,943	600,271	2,402,204	1,501,503	13,597,404

TABLE 16. Operating Expense Analysis, Canadian Scheduled Carriers - All services, Year Ended December 31, 1964

No.	Expenses	Functional classifications			
		Flying operations	Maintenance		
			Direct maintenance flight equipment	Direct maintenance ground property and equipment	Maintenance burden
			dollars		
	Salaries, wages and personnel expenses:				
1	Management	—	—	—	936,601
2	Pilots and co-pilots	14,533,979	—	—	—
3	Other flight personnel	797,428	—	—	—
4	Maintenance labour	—	12,038,186	994,978	2,146,126
5	Aircraft and traffic handling	—	—	—	—
6	Trainees, instructors, unallocated shop labour	419,277	—	—	4,802,468
7	Communications	—	—	—	114,760
8	Other personnel	—	—	—	10,360,044
9	Personnel expenses	1,453,058	—	—	364,383
10	Totals	17,203,742	12,038,186	994,978	18,724,382
	Materials and supplies:				
11	Aircraft fuels and oils	33,613,255	—	—	—
12	Maintenance materials and supplies	—	12,587,425	719,068	635,376
13	Shop and servicing supplies	—	—	—	826,080
14	Stationery, printing and office supplies	—	—	—	189,042
15	Passenger food expense	—	—	—	—
16	Other supplies	101,573	—	—	308,475
17	Inventory adjustments	—	—	—	149,681
18	Totals	33,714,828	12,587,425	719,068	2,108,654
	Other expenses:				
19	Communications purchased	—	—	—	189,818
20	Light, heat, power and water	—	—	—	700,882
21	Traffic commissions	—	—	—	250
22	Professional and technical fees and expenses	—	—	—	7,946
23	Other services—Associated companies	—	—	823	52
24	Total repairs and other services—Outside	—	4,901,549	1,752,631	909,627
25	Rentals	4,840,380	—	—	279,976
26	Landing fees—Canadian	9,434,132	—	—	—
27	Foreign				
28	Insurance—P.L., P.D., and traffic liabilities	5,727,463	—	—	158,571
29	Employee welfare	1,511,699	—	—	1,854,955
30	Injuries, loss and damage	228,823	—	—	53,112
31	Advertising and publicity	—	—	—	—
32	Interrupted trip expense	—	—	—	—
33	Uncollectible accounts	—	—	—	—
34	Taxes, other than income and payroll	—	—	—	—
35	Other expenses	20,442	—	—	281,878
36	Overhaul provisions—Airframes	—	216,811	—	—
37	Aircraft engines	—	562,352	—	—
38	Totals	21,762,939	5,680,712	1,753,454	4,437,067
	Depreciation and amortization:				
39	Amortization	—	—	—	—
40	Depreciation—Flight equipment	—	—	—	—
41	Maintenance equipment and hangars	—	—	—	—
42	General ground property	—	—	—	—
43	Grand totals	72,681,509	30,306,323	3,467,500	25,270,103

TABLE 16. Operating Expense Analysis, Canadian Scheduled Carriers - All Services, Year Ended December 31, 1964

Functional classification									No.
Passenger servicing	Aircraft and passenger servicing			Promotions and sales		General administration	Depreciation and amortization	Grand total	
	Aircraft servicing	Traffic servicing	Servicing administration	Reservations and sales	Advertising and publicity				
dollars									
27,089	356,880	26,619	333,428	607,848	30,145	1,047,433	—	3,366,043	1
—	—	—	—	—	—	—	—	14,533,979	2
5,184,432	—	—	—	—	—	—	—	5,981,860	3
—	—	—	—	—	—	—	—	15,179,290	4
—	11,021,271	6,548,234	2,434,841	9,959,323	—	—	—	29,963,669	5
203,674	315,384	2,759	106,145	322,007	—	—	—	6,171,714	6
—	288,832	—	840,740	523,886	—	47,017	—	1,815,235	7
902,836	479,016	260,165	1,331,663	4,867,530	662,112	5,805,478	—	24,668,844	8
1,603,105	260,132	184,624	375,182	1,517,844	140,607	333,709	—	6,232,644	9
7,921,136	12,721,515	7,022,401	5,421,999	17,798,438	832,864	7,233,637	—	107,913,278	10
—	—	—	—	—	—	—	—	33,613,255	11
—	—	—	—	—	—	—	—	13,941,869	12
—	260,809	—	—	—	—	—	—	1,086,889	13
14,664	112,796	178,287	353,892	588,788	85,265	676,367	—	2,199,101	14
8,248,458	—	—	—	—	—	—	—	8,248,458	15
1,880,103	90,684	54,839	382,876	28,399	12,838	9,954	—	2,869,741	16
—	—	—	—	—	—	—	—	149,681	17
10,143,225	464,289	233,126	736,768	617,187	98,103	686,321	—	62,108,994	18
—	—	—	—	—	—	—	—	—	—
14,963	434,867	362,059	1,120,882	3,201,752	19,827	159,192	—	5,503,360	19
321	55,828	76,160	89,412	129,523	2,107	62,207	—	1,116,440	20
—	—	—	—	8,931,518	—	—	—	8,931,768	21
12,117	82,791	1,236	1,678	161,782	—	287,943	—	555,493	22
7	2,464	1,320,723	1,840	341,623	4,640	264,987	—	1,937,159	23
238,028	2,819,584	2,205,989	767,268	282,819	87,011	96,208	—	14,060,714	24
157,196	507,945	1,130,001	719,848	1,529,508	41,589	774,210	—	9,980,653	25
—	—	—	—	—	—	—	—	9,434,132	26
—	—	—	—	—	—	—	—	—	27
1,334,930	8,610	63,730	2,206	2,624	228	186,163	—	7,484,525	28
353,609	773,178	412,712	301,101	1,070,584	39,811	399,544	—	6,717,193	29
121,315	39,411	93,314	21,355	4,211	78,050	4,945	—	644,536	30
—	—	—	—	171,347	8,939,640	—	—	9,110,987	31
799,338	—	—	—	—	—	—	—	799,338	32
—	—	—	—	—	—	364,167	—	364,167	33
—	—	—	—	—	—	1,281,397	—	1,281,397	34
—	—	—	—	—	—	309,787	—	2,163,183	35
234,252	120,679	684,309	176,651	322,001	13,184	—	—	216,811	36
—	—	—	—	—	—	—	—	562,352	37
—	—	—	—	—	—	—	—	—	—
3,266,076	4,845,357	6,350,233	3,202,241	16,149,292	9,226,087	4,190,750	—	80,864,208	38
—	—	—	—	—	—	—	1,978,140	1,978,140	39
—	—	—	—	—	—	—	24,028,772	24,028,772	40
—	—	—	—	—	—	—	2,654,451	2,654,451	41
—	—	—	—	—	—	—	2,512,267	2,512,267	42
21,330,437	18,031,161	13,605,760	9,361,008	34,564,917	10,157,054	12,110,708	31,173,630	282,060,110	43

TABLE 17. Specialty Flying Services, Canadian Carriers — Groups I to IV, by Type of Service, 1964

	1964						1963 ¹	
	Fixed wing		Helicopters		Total		Revenue hours	Revenue earned
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned		
Type of service:	No.	\$	No.	\$	No.	\$	No.	\$
Aerial advertising	24	2,472	649	45,619	673	48,091	110	9,604
Aerial fish cultivation	10	1,077	—	—	10	1,077	10	1,240
Aerial patrol and inspection	10,016	1,075,934	7,898	772,971	17,914	1,848,905	13,958	1,255,361
Aerial pest control	5,519	720,070	—	—	5,519	720,070	2,558	386,365
Aerial photography and survey	4,953	536,611	832	74,066	5,785	610,677	4,347	705,664
Aerial photography (excl. survey)	1,523	291,959	1,449	93,554	2,972	385,513	1,603	198,664
Aircraft rental	820	18,377	38	3,800	858	22,177	415	11,403
Flying training	34,838	607,134	307	60,999	35,145	668,133	35,782	627,467
Geophysical survey	9,224	844,978	4,533	568,519	13,757	1,413,497	8,239	966,562
Non-transportation charter	823	74,261	316	21,726	1,139	95,987	1,194	171,106
Recreational flying	12,179	277,606	59	4,397	12,238	282,003	12,678	299,401
Specialty flying — Other	773	221,623	156	20,761	929	242,384	1,636	337,886
Totals	80,702	4,672,102	16,237	1,666,412	96,939	6,338,514	82,530	4,970,723

¹ No breakdown for fixed wing and helicopters in 1963.TABLE 18. Statistical Summary of Canadian Carriers Operating Helicopters, Groups I to IV, 1964¹

		1964			1963 carriers operating helicopters only
		Carriers operating helicopters only	Carriers operating helicopters and fixed-wing	Total	
Carriers reporting	No.	14	7	21	16
Helicopters — Owned	"	128	28	156	..
Leased	"	15	4	19	..
Totals	"	143	32	175	136
Revenue hours flown — Unit toll	No.	—	—	—	..
Bulk	"	56,094	6,196	62,290	..
Specialty	"	7,925	8,312	16,237	..
Totals	"	64,019	14,508	78,527	53,350
Non-revenue hours flown	"	2,487	854	3,341	..
Fuel and oil consumed:					
Gasoline	gal.	1,039,915	176,362	1,216,277	..
Cost	\$	476,748	84,842	561,590	..
Oil	gal.	19,865	3,614	23,479	..
Cost	\$	34,121	5,196	39,317	..
Average number of employees:					
Pilots	No.	128	16	144	135
Administrative	"	53	3	56	..
Maintenance labour	"	123	15	138	101
Other personnel	"	8	2	10	..
Totals	"	312	36	348	236
Salaries and wages:					
Pilots	\$	1,172,635	157,816	1,330,451	1,114,568
Administrative	\$	407,499	26,352	433,851	..
Maintenance labour	\$	757,186	90,937	848,123	620,120
Other personnel	\$	29,126	13,082	42,208	..
Totals	\$	2,366,446	288,187	2,654,633	1,734,688

Balance sheet

Assets:	dollars	Liabilities:	dollars
Current assets:		Current liabilities:	
Cash	499,191	Notes and accounts payable	1,686,831
Accounts receivable	1,879,785	Current portion of long term debt	605,165
Less: reserve for uncollectible accounts	41,174	Accrued taxes	91,925
Materials and supplies	806,116	Other and accrued liabilities	105,395
Short term prepayments	140,452	Total current liabilities	2,489,316
Other current assets	75,391	Non-current liabilities:	
Total current assets	3,359,761	Long term debt	2,871,074
Investments	833,836	Other non-current liabilities	242,948
Property and equipment:		Total non-current liabilities	3,114,022
Operating	10,921,969	Deferred credits	—
Less: accumulated depreciation	5,517,763	Reserves	—
Non-operating	498,788	Capital stock and surplus:	
Less: accumulated depreciation	206,953	Capital stock issued and outstanding:	
Deferred charges:		Preferred	656,552
Long term prepayments	60,322	Common	1,133,747
Other deferred charges	194,035	Other paid-in capital	437,432
Total deferred charges	254,357	Unappropriated surplus	2,312,926
Total assets	10,143,995	Total capital stock and surplus	4,540,657
		Total liabilities	10,143,995

¹ Statement of income for helicopter-only carriers available on request.

TABLE 19. Aircraft Owned and Leased, Canadian Carriers, by Category of Aircraft and Weight Group, as at January 15, 1965

Categories of aircraft and weight groups	Groups I and II ¹		Group III ¹		Group IV		Group V		Total	
	Owned	Leased	Owned	Leased	Owned	Leased	Owned	Leased	Owned	Leased
Carriers reporting	6		20		51		321		398	
Helicopters	—	2	91	11	71	11	31	1	193	25
Turbo jets	16	5	—	—	—	—	—	—	16	5
Turbo props:										
300,001 lbs. and over	—	—	—	—	—	—	—	—	—	—
150,001-300,000 lbs.	—	5	—	—	—	—	—	—	—	5
100,001-150,000 "	23	1	—	—	—	—	—	—	23	1
50,001-100,000 "	40	—	—	—	—	—	—	—	40	—
50,000 lbs. and under	7	—	—	—	1	—	—	—	8	—
Total turbo props	70	6	—	—	1	—	—	—	71	6
Piston engined:										
Four engines:										
130,001 lbs. and over	—	—	—	—	2	—	2	—	4	—
100,001-130,000 lbs.	8	—	1	—	—	—	—	—	9	—
70,001-100,000 "	8	1	4	1	—	—	—	—	12	2
50,001-70,000 "	—	—	—	—	—	—	—	—	—	—
50,000 lbs. and under	—	—	—	—	—	—	—	—	—	—
Total four engines	16	1	5	1	2	—	2	—	25	2
One or two engines:										
40,001 lbs. and over	4	—	9	7	—	—	—	—	13	7
25,001-40,000 lbs.	24	4	22	—	7	—	4	—	57	4
20,001-25,000 "	—	—	—	—	2	—	1	—	3	—
15,001-20,000 "	—	—	7	—	14	—	2	—	23	—
10,001-15,000 "	1	—	3	—	4	—	2	—	10	—
7,501-10,000 "	17	1	34	2	45	1	16	4	112	8
5,001-7,500 "	25	—	51	3	47	7	59	6	182	16
4,001-5,000 "	2	—	6	—	7	4	18	2	33	6
3,001-4,000 "	—	2	5	—	27	1	78	20	110	23
2,001-3,000 "	3	2	25	8	125	11	296	60	449	81
2,000 lbs. and under	—	2	5	—	79	2	356	44	440	48
Total one or two engines	76	11	167	20	357	26	832	136	1,432	193
Grand totals	178	25	263	32	431	37	865	137	1,737	231

¹ Group II non-scheduled carriers included with Group III for purposes of this report.TABLE 20. Accidents to Aircraft of Canadian Registry, Apparent Cause by type of Operation, 1964¹

Type of operation	Apparent cause of accidents												Grand total
	Personnel			Material failure					Weather	Landing surface	Miscellaneous	Undetermined	
	Errors of pilots	Errors of other personnel or crew members	Total	Power plant	Air frame	Landing gear	Equipment and accessories	Total					
Commercial operations:	number												
Scheduled:													
Domestic	2	—	2	—	—	—	—	—	—	—	—	—	2
International	—	—	—	—	—	—	—	—	—	—	—	—	—
Non-scheduled:													
Domestic	37	4	41	6	—	2	1	9	—	2	—	5	57
International	—	—	—	—	—	—	—	—	—	—	—	—	—
Contract	—	—	—	—	—	—	—	—	—	—	—	—	—
Specialty:													
Flying training	11	—	11	1	—	—	—	1	—	—	—	—	12
Recreational flying	16	—	16	6	—	—	—	6	—	—	1	—	23
Aerial photography and survey	—	1	1	—	—	—	—	—	—	—	—	—	1
Aerial patrol and inspection	2	1	3	2	—	—	—	2	1	—	—	—	6
Aerial pest control	—	1	1	—	—	—	—	—	—	—	—	—	1
Geophysical survey	1	—	1	—	—	—	—	—	—	—	—	—	1
Forest fire protection	—	—	—	—	—	—	—	—	—	—	—	1	1
Other	1	—	1	—	—	—	—	—	—	—	—	—	1
Total commercial operations	70	7	77	15	—	2	1	18	1	2	1	6	105
Non-commercial operations:													
Flying clubs:													
Flying training	7	—	7	1	—	—	—	1	—	—	—	—	8
Recreational flying	3	—	3	—	—	—	—	—	3	—	—	7	13
Private:													
Ferry	1	—	1	—	—	—	—	—	—	—	—	—	1
Company business	24	2	26	1	—	3	—	4	—	1	—	—	31
Test	2	1	3	1	—	—	—	1	—	—	—	—	4
Training-check	5	1	6	1	—	—	—	1	—	—	—	—	7
Recreational flying	58	7	65	5	—	2	—	7	—	—	—	—	72
Aerial pest control	2	—	2	—	1	—	—	1	—	—	—	—	3
Other	2	—	2	—	—	—	—	—	—	2	1	1	6
Miscellaneous: ²													
Positioning	5	—	5	1	2	1	—	4	—	1	—	1	11
State	3	—	3	—	—	—	—	—	—	—	—	—	3
Missing enroute	—	—	—	—	—	—	—	—	—	—	—	4	4
Total non-commercial operations	112	11	123	10	3	6	—	19	3	4	1	13	163
Grand total all operations	182	18	200	25	3	8	1	37	4	6	2	19	268

¹ As reported by Civil Aviation Branch, Department of Transport. Subject to revision.² Includes accidents occurring during non-revenue flights of commercial aircraft.

TABLE 21. Accidents to Aircraft of Canadian Registry, Casualties by General Type of Operation, 1963-64¹

Accidents and casualties	General type of operations					
	Commercial		Non-commercial ²		Total	
	1964 ³	1963	1964 ³	1963	1964 ³	1963
			number			
Total accidents	107	104	161	155	268	259
Fatal accidents	16	15	29	33	45	48
Casualties:						
Pilot:						
Killed	10	15	28	31	38	46
Seriously injured	12	7	20	14	32	21
Co-pilot:						
Killed	—	1	—	—	—	1
Seriously injured	1	—	2	1	3	1
Flight engineer:						
Killed	—	—	—	—	—	—
Seriously injured	—	—	—	—	—	—
Cabin attendant:						
Killed	—	4	—	—	—	4
Seriously injured	—	—	—	—	—	—
Other crew:						
Killed	1	1	—	1	1	2
Seriously injured	2	2	1	1	3	3
Passengers:						
Killed	16	126	22	31	38	157
Seriously injured	17	17	10	7	27	24
Third party:						
Killed	1	—	—	1	1	1
Seriously injured	1	—	—	—	1	—
Totals:						
Killed	28	147	50	64	78	211
Seriously injured	33	26	33	23	66	49

¹ As reported by Civil Aviation Branch, Department of Transport.² Includes flying clubs, private and miscellaneous flying (positioning, state and ferry) which comprise accidents occurring during non-revenue flights of commercial aircraft.³ Subject to revision.TABLE 22. Personnel and Airport Licenses Issued and Aircraft Registered as of December 31, 1964¹

	In force December 31, 1964	In force December 31, 1963		Total December 31, 1964	Total December 31, 1963
	number			number	
Pilots:			Commercial	1,949	1,929
Glider	736	665	Private	4,544	4,172
Private	16,420	16,393	State	200	191
Commercial	2,660	2,359	Commercial (restricted)	62	64
Senior commercial	376	368	Ultra light	152	123
Airline transport	1,374	1,355	Experimental	12	11
			Private (restricted)	14	11
Totals	21,566	21,140	Totals	6,933	6,501
Air navigators	97	91	Airports		
Air traffic controllers	793	814		In force December 31, 1964	In force December 31, 1963
Flight engineers	37	38			
Aircraft maintenance engineers	2,285	2,270	Number of airports	672	657

¹ As reported by Civil Aviation Branch, Department of Transport.

CIVIL AVIATION DEFINITIONS

Bulk Transportation	(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Cargo, Air	Air freight and air express.
Carrier, Air	Any person who operates aircraft in or over Canada for hire or reward.
Carrier, Non-scheduled	Carriers not operating any scheduled (Class 1) service.
Carrier, Scheduled	Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.
Express, Air	It is a package service operated within the U.S.A. and Canada only; the rates cover door-to-door service. Because Air Express shipments are carried on all flights and take priority over Air Freight and because Express shipments receive priority on the ground too, they take higher rates.
Freedoms of the Air:	
First Freedom	The right to fly over the territory of a foreign country without landing.
Second Freedom	The right to land on the territory of a foreign country for non-traffic purposes.
Third Freedom	The right to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
Fourth Freedom	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
Fifth Freedom	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the right to put down in a foreign country, passengers, mail and cargo coming from any such territory.
Freight, Air	Articles carried on regular flights at standard per pound rates when space is available.
Goods	Air cargo (freight and express) plus mail and excess baggage.
Group I Carriers	Canadian Air Carriers licensed to perform both domestic and international scheduled services. (Air Canada and Canadian Pacific Air Lines Ltd.).
Group II Carriers	Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.
Group III Carriers	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
Group IV Carriers	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
Group V Carriers	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.
Interline Traffic:	
Divisional Interline	Passengers and goods received from other operating divisions of the same carrier.
Domestic Interline	Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
Foreign Interline	Passengers and goods received by a carrier from Foreign Air Carriers.
International Services:	
Pacific and Orient Services	Services between Canada and points in the Pacific Ocean or the Orient.
Southern Services	Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
Trans-Atlantic and Polar Services	Services between Canada and Europe.
Trans-border Services	Services between Canada and the United States.
Load Capacity Available	Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.
Miles	Statute miles of 5,280 ft.
Passenger	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.
Non-revenue Passenger	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
Revenue Passenger	A child or adult for which a fare or part of a fare is paid.
Passenger Load-factor	Ratio of revenue passenger-miles performed to available seat-miles.
Passenger-mile	The transportation of one passenger one mile.

CIVIL AVIATION DEFINITIONS — Concluded

Seat-miles Available:	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.
Tons	Short tons of 2,000 lbs.
Ton-miles	The transportation of one ton of goods one mile.
Ton-miles Available	Available load capacity multiplied by miles flown on each inter-station flight.
Unit Toll Transportation	Public transportation of passengers and goods at a toll per unit. It includes: (i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and (ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
Weight Load Factor	Ratio of revenue ton-miles performed to available ton-miles.

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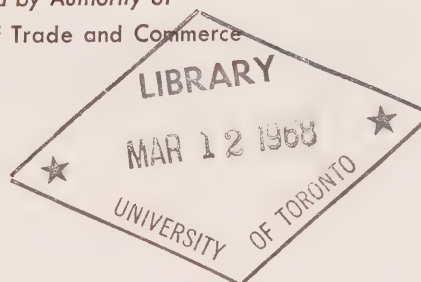


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Civil Aviation

1964

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The figures shown in the above publication on page 13, Table 6, should read as follows:

TABLE 6. Operating Statistics, Foreign Carriers, by Area of Service, 1964

		United States			Europe		
		Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Revenue passengers carried:		355,429	345,950	701,379	109,729	135,360	245,089
Unit toll	No.	2,464	2,409	4,873	16,673	16,825	33,498
Totals	"	357,893	348,359	706,252	126,402	152,185	278,585
Revenue freight, express and excess baggage carried:		1,657,450	7,752,475	9,409,925	4,233,604	13,211,240	17,444,844
Unit toll	Lb.	-	-	-	159,206	36,346	195,552
Bulk	"	1,657,450	7,752,475	9,409,925	4,392,810	13,247,586	17,640,396
Totals	"	512,121	1,230,070	1,742,191	753,195	1,390,739	2,143,934
Mail carried (unit toll)		512,121	1,230,070	1,742,191	753,195	1,390,739	2,143,934
All other areas							
Revenue passengers carried:		Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Unit toll	No.	4,896	4,918	9,814	470,054	486,228	956,282
Bulk	"	-	-	-	19,137	19,234	38,371
Totals	"	4,896	4,918	9,814	489,191	505,462	994,653
Revenue freight, express and excess baggage carried:		76,062	40,970	117,032	5,967,116	21,004,685	26,971,801
Unit toll	Lb.	76,062	40,970	117,032	5,967,116	21,004,685	26,971,801
Bulk	"	-	-	-	159,206	36,346	195,552
Totals	"	76,062	40,970	117,032	6,126,322	21,041,031	27,167,353
Mail carried (unit toll)		8,621	6,518	15,139	1,273,937	2,627,327	3,901,264

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CHART - B

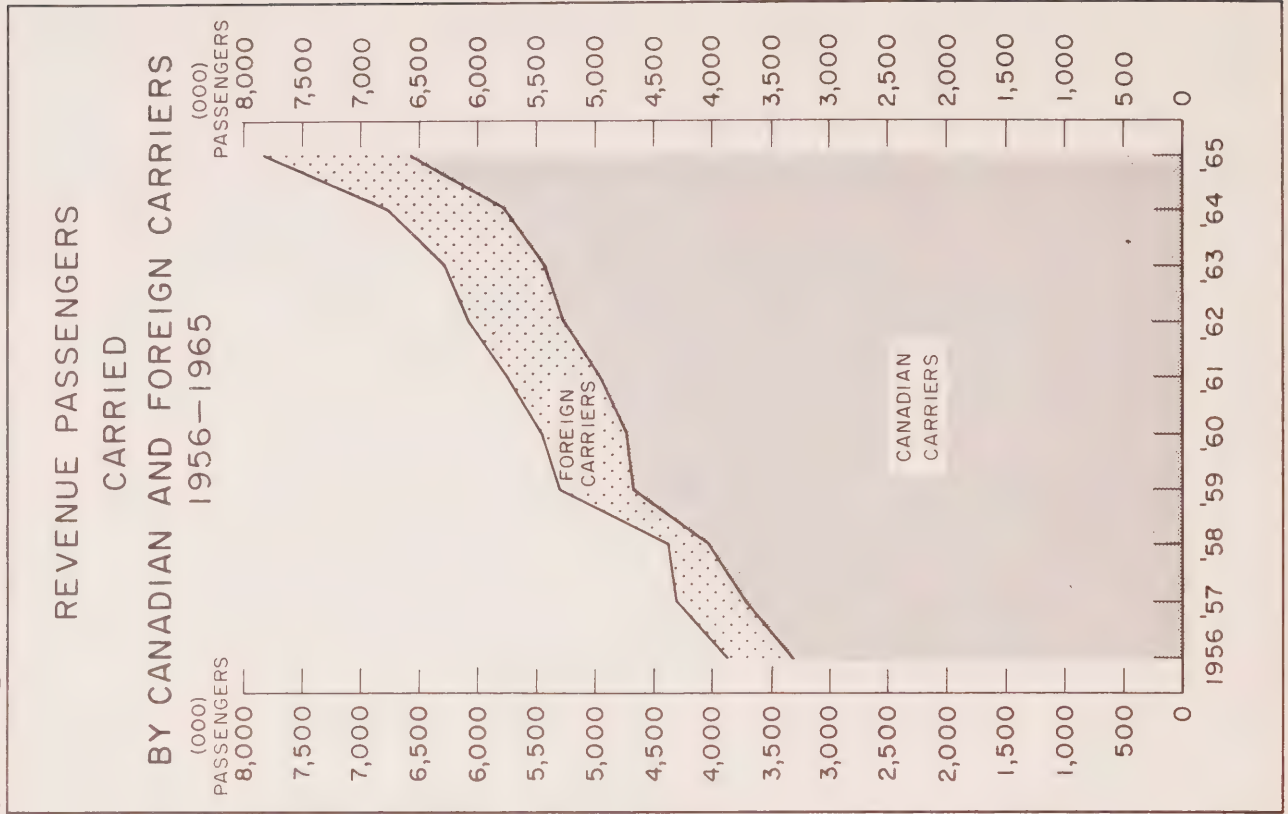
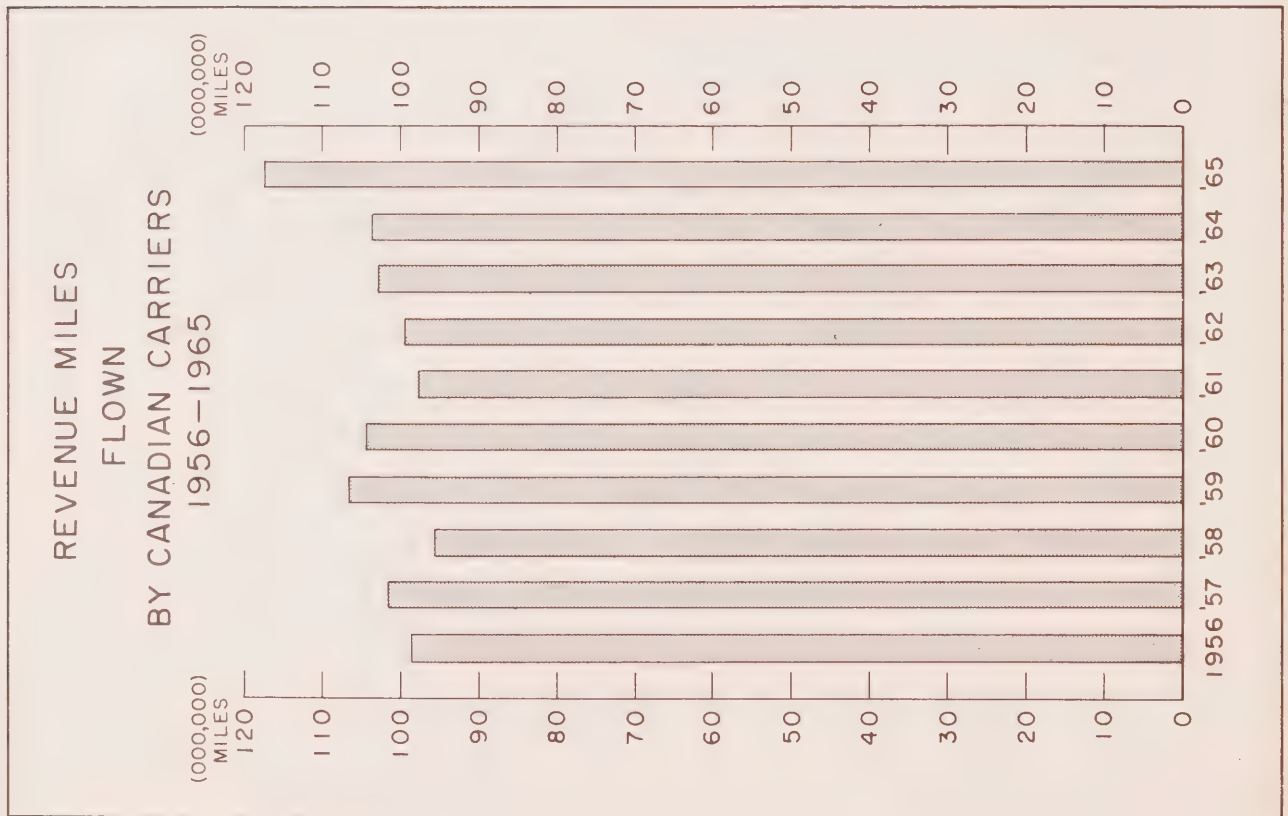


CHART - A



CIVIL AVIATION

1965

The figures presented in this publication cover the operating and financial data submitted by Canadian carriers and reporting foreign air carriers doing business within Canada or between Canada and other countries. Statistics of Canadian airlines include both their domestic and international flights while figures for foreign companies cover their hours and miles flown over Canadian territory only. Passengers and goods in transit through Canada are not included. Because the coverage given to Canadian airlines differs from that given to foreign airlines the statistics shown under similar headings are not directly comparable.

In this report, Canadian air carriers have been divided into five groups based on gross annual flying revenues and the type of service (scheduled or non-scheduled) performed. Definitions of these groups and of other terms used are given on the last two pages of the publication. The number of Canadian carriers which submitted annual reports for 1965, in each group is as follows:

Group I	2
Group II	4
Group III	19
Group IV	60
Group V	278
Total	363

The total number of air carriers reporting varies slightly from year to year, chiefly because of entries, withdrawals and amalgamations of small air carriers. Changes in the number of small firms are of little significance in the total figures for all categories but there can be significant changes within groups and from one group to another depending upon the activities of individual companies. These changes tend to produce distortions in comparisons of specific groups over a period of years.

Because Nordair Ltd. did not operate scheduled routes during 1965, it is included in Group III for statistical purposes, even though it is comparable in gross revenue to the carriers in Group II.

Since Group V carriers file reports on a quarterly basis only, data on their operations are not available for monthly publication but are shown in a special table in the monthly report for March, June, September and December. This Group V information is not included in totals for all carriers shown in other tables throughout the report. To be consistent with the monthly publications this practice has been continued in the annual report. Although they are by far the largest Group in terms of numbers, the Group V carriers are not significant in terms of revenue; their reported operating revenues usually amount to less than 4 per cent of the total operating revenues of all Canadian carriers.

Domestic operations are shown separately from international operations of Canadian carriers only in Table 5 which classifies certain statistics by area of service. In Tables 3 and 5, "Available ton-miles" and "Weight load factor" on scheduled services have been revised. Corrected figures for 1963 and 1964 are available on request.

Wherever it is practical to do so, figures for services sold on a unit toll basis are subdivided into scheduled operations and non-scheduled operations. However, a complete breakdown is not possible because some air carriers offer both types of service on the same route. In such cases the route is designated scheduled or non-scheduled according to the class of service which predominates.

Financial statistics of Canadian carriers which are shown in Tables 8 to 16 are collected and compiled according to definitions and procedures outlined in a set of manuals entitled "Uniform System of Accounts and Reports for Commercial Air Carriers".

Review of 1965 Operations

During the year under review, Canadian carriers transported 6,570,449 revenue passengers, showing an increase of 13.6 per cent over 1964, and of 39.0 per cent over 1960. Weight of revenue goods carried rose to 153,196 tons, or 13.3 per cent above 1964 and 28.7 per cent over 1960 levels. Revenue hours flown, at 781,774, were 18.2 per cent higher than in 1964, exceeding the 1959 peak of 764,229 for the first time. Number of revenue miles flown reached 117,237,963, an increase of 13.3 per cent over 1964, which at 103,451,614 was only 6.0 per cent above the 1961 low of 97,577,514.

Hours flown on unit toll services showed an increase of 11.5 per cent over 1964; increases of 21.4 per cent for hours on bulk services and 30.2 per cent for specialty flying hours were reported. Weight of cargo and excess baggage carried on unit toll services totalled 73,502 tons, up 25.1 per cent over 1964, while freight carried on bulk transportation services was 2.7 per cent higher at 54,474 tons. Mail carried was up 7.8 per cent in weight at 25,220 tons. Number of passengers carried on unit toll flights, at 5,939,267, showed an increase of 14.3 per cent, while bulk transportation services, with an increase of 8.0 per cent, added 631,182 to the total.

Revenue miles flown on unit toll services rose 13.0 per cent to 86,334,027, while passenger-miles, at 4,731,304,865, showed an increase of 20.1 per cent, and goods ton-miles, at 110,000,601 were up 25.0 per cent above 1964 levels.

The six scheduled carriers transported 13.5 per cent more passengers and 21.8 per cent more goods in terms of weight than in 1964. While their share of passengers carried shifted slightly to 90.6 per cent from 90.8 per cent, they accounted for 69.4 per cent of weight of goods carried, by Canadian carriers compared with 64.5 per cent in 1964. In 1965 the scheduled carriers transported 5,954,952 passengers and 106,245 tons of goods: in 1964 they reported carrying 5,248,038 passengers and 87,207 tons of goods.

During 1965, Foreign airlines licensed to operate in Canada carried into and out of this country a total of 1,268,090 revenue passengers and 19,892 tons of revenue goods, indicating increases of 27.5 per cent and 28.1 per cent respectively over the 1964 totals of 994,653 passengers and 15,534 tons.

Operating revenues and expenses of Canadian carriers showed almost parallel growth as they climbed to record heights. Revenues increased by 17.3 per cent to \$392,806,566 while expenses rose by 16.7 per cent to \$368,207,884. The resultant operating income of \$24,598,682 was 12.7 per cent higher than the 1964 figure. Net profit after taxes was \$13,181,834, or 57.1 per cent higher than in 1964.

At year-end, total assets of Canadian carriers were valued at \$397,446,353 or \$26,381,513 higher than at December 31, 1964.

Helicopters

Carriers operating helicopters exclusively logged 93,599 revenue hours in 1965, or 86.9 per cent of the total reported for helicopters, and an increase of 19.2 per cent over the 1964 figure of 78,527 revenue hours. These carriers accounted for 12.0 per cent of the revenue hours of Canadian carriers as a whole, with total assets of \$12.6 million or 3.2 per cent of Canadian carriers' total assets.

Accidents

In 1965 there were 348 accidents involving aircraft of Canadian registry. Of these, 143 or 41.1 per cent occurred during commercial operations. Of the total, 260 or 74.7 per cent were attributed to pilot error. The number of accidents increased 30.0 per cent over the previous year, while the number of fatal accidents went up only 0.7 per cent. Of the 48 fatal accidents, 18 or 37.5 per cent occurred in commercial operations.

SYMBOLS

The following standard symbols are used in Dominion Bureau of Statistics publications:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- amount too small to be expressed.
- p preliminary figures.
- r revised figures.

CHART-D

REVENUE CARGO AND MAIL CARRIED BY CANADIAN CARRIERS 1956-1965

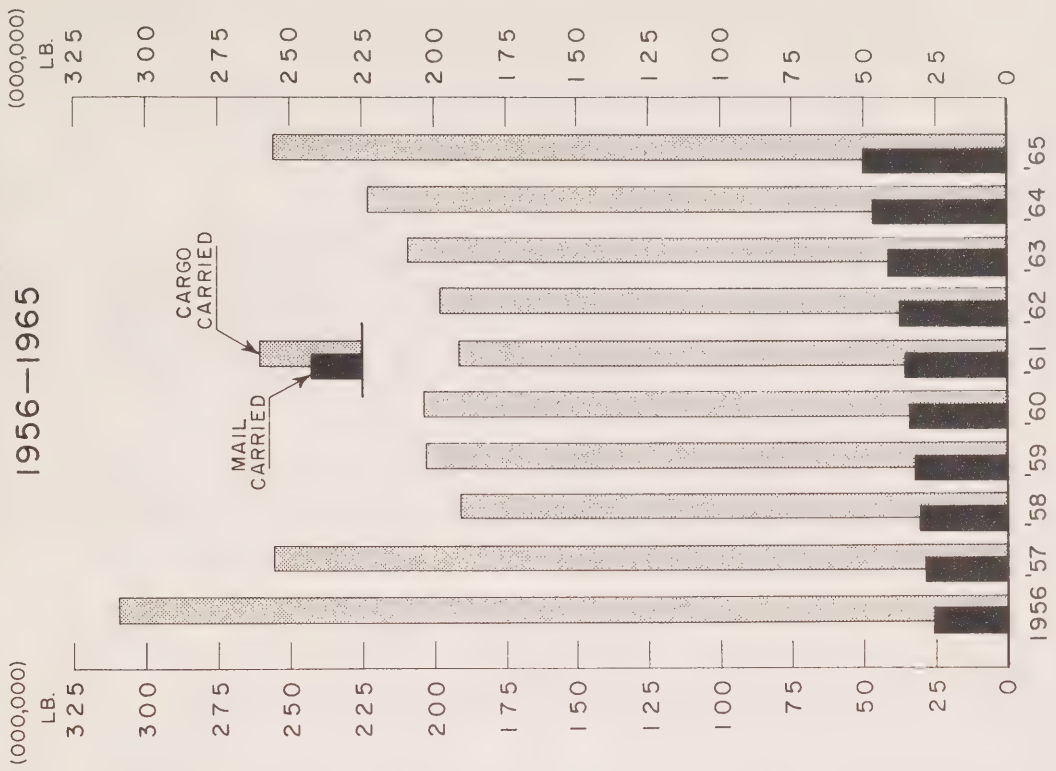


CHART-C

OPERATING REVENUES AND EXPENSES OF CANADIAN CARRIERS 1956-1965

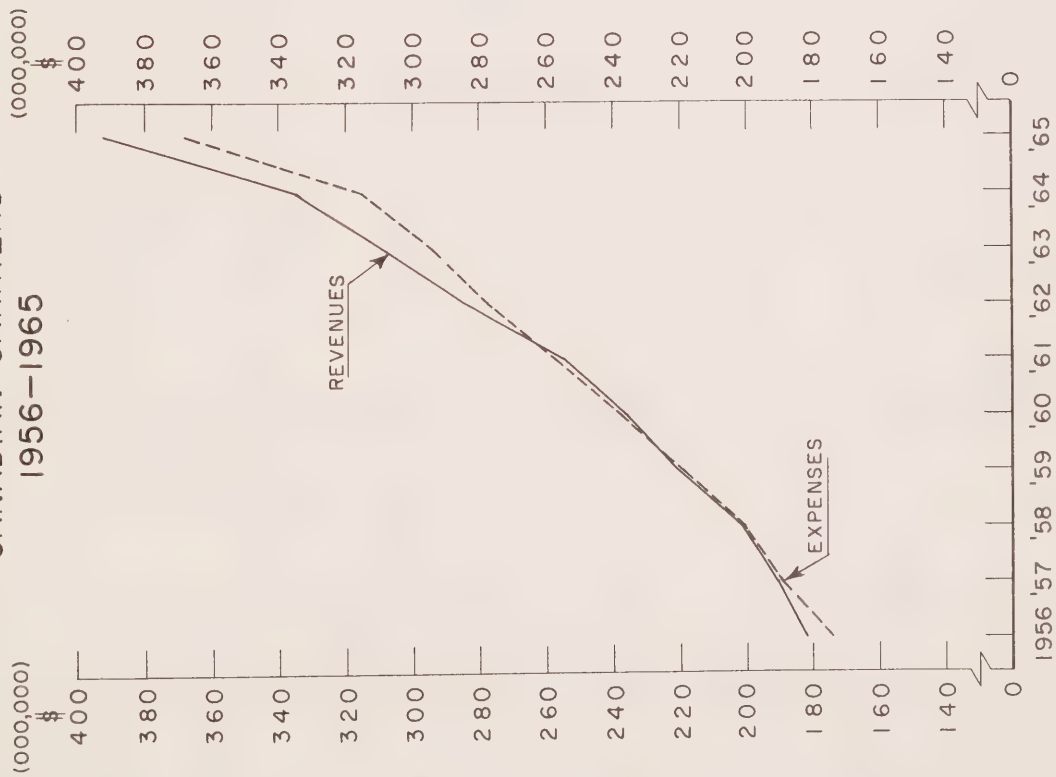


TABLE 1. Statistical Summary of Canadian Civil Aviation, 1960-65

	1965	1964	1963	1962	1961	1960
Canadian carriers						
Operating statistics:						
Unit toll transportation:						
Revenue:						
Hours flown	No. 335,379	300,798	298,655	312,395	327,555	383,181
Miles flown	" 86,334,027	76,404,782	75,746,629	76,040,318	76,008,312	80,246,283
Passengers carried	" 5,939,267	5,197,579	4,864,855	4,792,409	4,543,009	4,218,431
Cargo and excess baggage carried	lb. 147,004,678	117,497,668	99,063,385	93,064,818	80,823,898	80,152,652
Mail carried	" 50,440,235	46,804,224	41,892,927	38,430,775	35,749,456	34,633,139
Passenger-miles	No. 4,731,304,865	3,939,075,129	3,623,020,400	3,463,727,291	3,157,518,367	2,671,926,081
Cargo and excess baggage ton-miles	" 88,228,205	69,038,182	53,618,163	45,427,320	38,504,034	35,316,334
Mail ton-miles	" 21,772,396	18,952,877	17,530,240	15,289,672	14,094,209	13,706,091
Bulk transportation:						
Revenue:						
Hours flown	" 319,926	263,541	250,988	230,525	228,049	230,670
Miles flown	" 30,903,936	27,046,832	26,818,278	23,277,049	21,569,202	23,938,740
Passengers carried	" 631,182	584,509	562,489	476,390	407,888	508,984
Freight carried	lb. 108,947,834	106,124,248	110,102,115	105,082,430	111,504,022	123,200,348
Passenger-miles	No. 464,825,765	469,807,322	..	..	..	..
Goods ton-miles	" 13,507,018	17,839,881	..	..	..	..
Other flying services:						
Revenue hours flown	" 126,469	97,169	80,930	83,382	75,808	81,059
Total - All services:						
Traffic, hours and miles: ¹						
Revenue:						
Hours flown	" 781,774	661,508	630,573	626,302	631,412	694,910
Miles flown	" 117,237,963	103,451,614	102,564,907	99,317,367	97,577,514	104,185,023
Passengers carried	" 6,570,449	5,782,088	5,427,344	5,268,799	4,950,897	4,727,415
Cargo and excess baggage carried	lb. 255,952,512	223,621,916	209,165,500	198,147,248	192,327,920	203,353,000
Goods carried ²	" 306,392,747	270,426,140	251,058,427	236,578,023	228,077,376	237,986,139
Passenger-miles	No. 5,196,130,630	4,408,882,451	..	..	..	..
Goods ton-miles	" 123,507,619	105,830,940	..	..	..	..
Non-revenue:						
Hours flown	" 29,898	21,363	21,738	25,882	28,863	24,251
Passengers carried	" 38,336	36,026	..	..	..	..
Goods carried ²	lb. 3,353,674	3,196,432	..	..	..	..
Passenger-miles	No. 224,745,710	207,986,297	203,399,987	176,277,219	148,517,121	127,072,658
Goods ton-miles	" 7,995,872	7,709,768	6,601,370	6,449,798	5,965,235	5,244,953
Fuel and oil consumed:						
Fuel	gal. 249,336,707	218,042,305	207,490,519	191,343,196	175,201,010	139,425,893
Cost	\$ 40,536,285	36,169,043	34,939,058	31,993,476	31,029,209	29,910,391
Oil	gal. 395,347	343,128	405,999	310,015	475,994	812,232
Cost	\$ 895,341	822,091	793,547	765,871	776,583	907,179
Average number of employees	No. 19,007	17,795	17,577	17,810	17,700	17,106
Salaries and wages paid	\$ 129,774,695	116,465,350	108,538,372	105,636,970	102,200,745	95,650,809
Revenues and expenses:						
Operating revenues	\$ 392,806,566	334,930,874	308,835,913	284,618,321	254,873,901	235,973,562
Operating expenses	\$ 368,207,884	315,569,629	294,142,170	277,333,944	257,445,532	237,714,284
Operating income (loss)	\$ 24,598,682	19,361,245	14,693,743	7,284,377	Dr. 2,571,631	Dr. 1,740,722
Net income or deficit after income taxes	\$ 13,181,834	8,393,110	1,390,060	Dr. 4,597,327	Dr. 13,146,423	Dr. 6,450,886
Canadian and foreign carriers³						
Operating statistics:						
Revenue:						
Hours flown (all services)	No. 801,129	679,784	646,956	642,284	649,107	712,371
Miles flown (transportation services)	" 124,448,003	110,138,322	108,282,021	104,851,093	103,335,386	109,699,725
Passengers carried (transportation services)	" 7,838,539	6,774,652	6,278,298	6,064,074	5,740,577	5,451,716
Cargo and excess baggage carried (transportation services)	lb. 291,499,029	250,789,269	229,636,108	218,487,619	211,044,506	217,220,865
Mail carried (transportation services)	" 54,677,855	50,705,488	45,210,723	41,596,384	39,024,564	37,472,154
Passenger-miles (unit toll transportation)	No. 5,065,493,215	4,200,293,067	3,832,248,493	3,666,655,321	3,352,704,994	2,847,022,735
Cargo and excess baggage (unit toll transportation) ton-miles	" 97,177,466	75,908,279	58,747,717	50,045,948	42,476,457	39,044,787
Mail ton-miles (unit toll transportation)	" 22,735,329	19,897,070	18,302,847	15,995,107	14,856,343	14,321,366

¹ Except for hours flown, data relate to transportation services only.² Cargo, excess baggage and mail.³ See Introduction, page 5.

TABLE 2. Operating Statistics, Canadian and Foreign Carriers — All Services, 1965

	Canadian carriers					Foreign carriers ¹		Grand total all carriers	
	Scheduled carriers	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other foreign carriers ³		
	Groups I and II ²	Group III ²	Group IV	Total					
Number of carriers reporting	6	19	60	79	85	10	10	105	
Transportation services:									
Unit toll:									
Revenue departures	No. 227,536	30,398	12,554	42,952	270,488	..	..	..
Revenue hours flown	" 297,898	31,326	6,155	37,481	335,379	3,959	14,332	353,670	
Revenue miles scheduled	" 76,649,184	...	...	...	76,649,184	1,045,749	5,708,713	83,403,646
Revenue miles flown:									
Scheduled services	" 78,546,117 ⁴	...	...	...	78,546,117	1,019,906	5,805,217	85,371,240
Non-scheduled services	" 3,154,958 ⁴	3,952,741	680,211	4,632,952	7,787,910	—	—	7,787,910	
Totals	" 81,701,075	3,952,741	680,211	4,632,952	86,334,027	1,019,906	5,805,217	93,159,150	
Revenue passengers carried	" 5,779,243	122,729	37,295	160,024	5,939,267	867,093	362,747	7,169,107	
Revenue goods carried:									
Cargo	lb. 135,378,565	7,123,038	2,361,999	9,485,037	144,863,602	12,035,341	23,503,589	182,543,608	
Excess baggage ⁵	" 1,602,048	386,485	152,543	539,028	2,141,076		2,143,464	54,677,855	
Mail	" 48,583,114	1,556,937	300,184	1,857,121	50,440,235		2,143,464	54,677,855	
Totals	" 185,563,727	9,066,460	2,814,726	11,881,186	197,444,913	14,129,497	25,647,053	237,221,463	
Revenue passenger-miles	No. 4,706,316,601	22,342,506	2,645,758	24,988,264	4,731,304,865	36,173,157	298,015,193	5,065,493,215	
Revenue goods ton-miles:									
Cargo	" 82,286,878	1,905,783	792,375	2,698,158	84,985,036	276,628	8,672,633	97,177,466	
Excess baggage	" 3,183,651	55,467	4,051	59,518	3,243,169		43,849	919,084	22,735,329
Mail	" 21,326,015	426,920	19,461	446,381	21,772,396		43,849	919,084	22,735,329
Totals	" 106,796,544	2,388,170	815,887	3,204,057	110,000,601	320,477	9,591,717	119,912,795	
Bulk:									
Revenue:									
Departures	" 35,450	71,217	174,421	245,638	281,088	..	..	..
Hours flown	" 46,127	110,995	162,804	273,799	319,926	82	982	320,990	
Miles flown	" 8,333,020	8,455,928	14,114,988	22,570,916	30,903,936	20,936	363,981	31,288,853	
Passengers carried	" 175,709	181,997	273,476	455,473	631,182	7,061	31,189	669,432	
Freight carried	lb. 26,927,007	50,354,945	31,665,882	82,020,827	108,947,834	—	7,587	108,955,421	
Passenger-miles	No. 362,631,051	99,822,696	2,372,018	102,194,714	464,825,765	..	..	..
Goods ton-miles	" 5,929,676	6,620,380	956,962	7,577,342	13,507,018	..	..	..
Non-transportation services:									
Specialty flying:									
Revenue hours flown	" 2,510	42,230	81,729	123,959	126,469	—	—	126,469	
Total—All services:									
Traffic, hours and miles: ⁶									
Revenue:									
Departures	" 262,986	101,615	186,975	288,590	551,576	..	..	..
Hours flown	" 346,535	184,551	250,688	435,239	781,774	4,041	15,314	801,129	
Miles flown	" 90,034,095	12,408,669	14,795,199	27,203,868	117,237,963	1,040,842	6,169,198	124,448,003	
Passengers carried	" 5,954,952	304,726	310,771	615,497	6,570,449	874,154	393,936	7,838,539	
Cargo carried	lb. 162,305,572	57,477,983	34,027,881	91,505,864	255,952,512 ⁷	12,035,341	23,511,176	291,499,029 ⁷	
Goods carried ⁷	" 212,490,734	59,421,405	34,480,608	93,902,013	306,392,747	14,129,497	25,654,640	346,176,884	
Passenger-miles	No. 5,068,947,652	122,165,202	5,017,776	127,182,978	5,196,130,630	..	..	..
Goods ton-miles	" 112,726,220	9,008,550	1,772,849	10,781,399	123,507,619	..	..	..
Non-revenue:									
Hours flown	" 11,435	8,758	9,705	18,463	29,898	22	11	29,931	
Passengers carried ⁸	" 36,638	1,435	263	1,698	38,336	13,916	6,533	58,785	
Goods carried ⁸	lb. 2,743,770	595,254	14,650	609,904	3,353,674	220,034	882,568	4,456,276	
Passenger-miles	No. 222,583,894	2,156,102	5,714	2,161,816	224,745,710	586,910	4,845,105	230,177,725	
Goods ton-miles	" 7,684,268	311,604	—	311,604	7,995,872	4,470	282,698	8,283,040	
Fuel consumed:									
Turbo fuel:									
Quantity	gal. 222,028,394	—	290,542	290,542	222,318,936	1,891,883	40,325,440	264,536,259	
Cost	\$ 30,558,418	—	99,516	99,516	30,657,934	321,116	6,335,243	37,314,293	
Gasoline:									
Quantity	gal. 14,352,097	8,751,936	3,913,738	12,665,674	27,017,771	180,212	340,930	27,538,913	
Cost	\$ 4,679,816	3,353,981	1,844,554	5,198,535	9,878,351	45,393	88,012	10,011,756	
Oil consumed:									
Turbo aircraft:									
Quantity	gal. 49,534	—	56	56	49,590	529	1,285	51,404	
Cost	\$ 453,580	—	736	736	454,316	2,685	10,975	467,976	
Other aircraft:									
Quantity	gal. 170,652	105,086	70,019	175,105	345,757	456	197	346,410	
Cost	\$ 186,696	147,534	106,795	254,329	441,025	472	227	441,724	
Average number of employees:									
Pilots and co-pilots	No. 1,102	368	361	729	1,831	..	..	..
Other flight personnel	" 1,183	42	46	88	1,271	..	..	..
General management	" 320	112	113	225	545	..	..	..
Maintenance labour	" 3,801	394	294	688	4,489	..	..	..
Aircraft and traffic servicing	" 5,446	120	48	168	5,614	..	..	..
Other personnel	" 4,783	220	254	474	5,257	..	..	..
Totals	" 16,635	1,256	1,116	2,372	19,007	281	693	19,981	
Salaries and wages paid:									
Pilots and co-pilots	\$ 16,337,398	3,590,920	2,802,918	6,393,838	22,731,236	..	..	..
Other flight personnel	\$ 6,835,065	282,516	234,662	517,178	7,352,243	..	..	..
General management	\$ 3,591,594	998,517	864,786	1,863,303	5,454,897	..	..	..
Maintenance labour	\$ 25,068,928	2,330,593	1,580,816	3,911,409	28,980,337	..	..	..
Aircraft and traffic servicing	\$ 32,336,969	619,022	180,785	799,807	33,136,776	..	..	..
Other personnel	\$ 29,984,589	1,052,350	1,082,267	2,134,617	32,119,206	..	..	..
Totals	\$ 114,154,543	8,873,918	6,746,234	15,620,152	129,774,695	1,905,160	4,220,295	135,900,150	

¹ See Introduction, page 5.² Nordair Ltd. included with Group III carriers for purposes of this report.³ Includes fifth freedom traffic between United States and Canada.⁴ Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.⁵ Excludes Air Canada.⁶ Except for hours flown these data relate to transportation services only.⁷ Excess baggage included excepting Air Canada.

TABLE 3. Operating Statistics, Canadian Scheduled Carriers — All Services, by Company, 1965

	Group I carriers			Group II carriers ¹					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair Inc.	Trans-Air Ltd.	Total	
Transportation services:									
Unit toll:									
Revenue departures No.	146,718	22,547	169,265	12,759	18,379	13,896	13,237	58,271	227,536
Revenue hours flown "	196,946	42,815	239,761	12,718	20,002	11,080	14,337	58,137	297,898
Revenue miles scheduled ..	55,838,898	15,090,096	70,928,994	907,747	2,471,553	1,184,314	1,156,576	5,720,190	76,649,184
Revenue miles flown:									
Scheduled services:									
Regular "	54,972,479	14,979,438	69,951,917	816,043	2,414,545	1,117,827	1,136,521	5,484,936	75,436,853
Extra sections "	2,529,907	203,743	2,733,650	53,968	182,511	28,189	110,946	375,614	3,109,264
Non-scheduled services ..	—	—	—	1,030,723	565,330	746,130	812,775	3,154,958	3,154,958
Totals "	57,502,386	15,183,181	72,685,567	1,900,734	3,162,386	1,892,146	2,060,242	9,015,508	81,701,075
Ratio of regular miles flown to miles scheduled.....	98.4	99.3	98.6	89.9	97.7	94.4	98.3	95.9	98.4
Revenue passengers carried (Scheduled and non-scheduled) ² No.	4,673,754	596,797	5,270,551	86,107	233,697	120,106	68,782	508,692	5,779,243
Revenue goods carried (Scheduled and non-scheduled): ³									
Express lb.	13,488,693	1,353,792	14,842,485	300,570	537,113	—	169,617	1,007,300	15,849,785
Freight "	87,524,166	11,711,236	99,235,402	7,091,329	9,395,098	2,194,151	1,612,800	20,293,378	119,528,780
Excess baggage "	—	601,039	601,039	151,413	455,184	322,398	72,014	1,001,009	1,602,048
Mail "	39,589,234	3,058,567	42,647,801	2,148,198	2,023,683	447,551	1,315,881	5,935,313	48,583,114
Totals "	140,602,093	16,724,634	157,326,727	9,691,510	12,411,078	2,964,100	3,170,312	28,237,000	185,563,727
Revenue passenger-miles:									
Scheduled services No.	3,542,866,946	1,024,143,648	4,567,010,594	10,257,607	55,486,582	21,215,188	19,075,302	106,034,679	4,673,045,273
Non-scheduled services ..	—	—	—	12,330,017	3,538,238	14,202,270	3,200,803	33,271,328	33,271,328
Totals "	3,542,866,946	1,024,143,648	4,567,010,594	22,587,624	59,024,820	35,417,458	22,276,105	139,306,007	4,706,316,601
Available seat-miles on scheduled services "	5,458,263,112	1,837,005,359	7,295,268,471	25,982,563	124,949,688	40,599,878	53,527,370	245,059,499	7,540,327,970
Passenger load factor on scheduled services "	64.9	55.8	62.6	39.5	44.4	52.2	35.6	43.3	62.0
Revenue goods ton-miles:									
Express:									
Scheduled services No.	5,562,487	383,820	5,946,307	16,629	142,517	—	33,382	192,528	6,138,835
Non-scheduled services ..	—	—	—	18,161	—	—	4,130	22,291	22,291
Totals "	5,562,487	383,820	5,946,307	34,790	142,517	—	37,512	214,819	6,161,126
Freight:									
Scheduled services "	56,102,107	15,050,068	71,152,175	708,024	2,353,409	252,911	123,477	3,437,821	74,589,996
Non-scheduled services ..	—	—	—	1,129,679	81,095	146,855	178,127	1,535,756	1,535,756
Totals "	56,102,107	15,050,068	71,152,175	1,837,703	2,434,504	399,766	301,604	4,973,577	76,125,752
Excess baggage:									
Scheduled services "	2,314,480	701,426	3,015,906	11,205	68,966	29,014	10,432	119,617	3,135,523
Non-scheduled services ..	—	—	—	17,041	2,582	25,200	3,305	48,128	48,128
Totals "	2,314,480	701,426	3,015,906	28,246	71,548	54,214	13,737	167,745	3,183,651
Mail:									
Scheduled services "	17,026,075	3,149,526	20,175,601	118,750	561,273	43,496	67,988	791,507	20,967,108
Non-scheduled services ..	—	—	—	227,000	5,525	24,611	101,771	358,907	358,907
Totals "	17,026,075	3,149,526	20,175,601	345,750	566,798	68,107	169,759	1,150,414	21,326,015
Total:									
Scheduled services "	81,005,149	19,284,840	100,289,989	854,608	3,126,165	325,421	235,279	4,541,473	104,831,462
Non-scheduled services ..	—	—	—	1,391,881	89,202	196,666	287,333	1,965,082	1,965,082
Totals "	81,005,149	19,284,840	100,289,989	2,246,489	3,215,367	522,087	522,612	6,506,555	106,796,544
Available ton-miles on scheduled services ⁴ "	835,273,814	267,502,265	1,102,776,079	4,381,517	16,952,435	3,939,970	5,282,319	30,556,241	1,133,332,320
Weight load factor on scheduled services ⁴ "	52.1	45.5	50.5	74.7	51.7	67.1	46.0	49.6	50.5

See footnotes at end of table.

TABLE 3. Operating Statistics, Canadian Scheduled Carriers — All Services, by Company, 1965 — Concluded

	Group I carriers				Group II carriers ¹				Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair Inc.	TransAir Ltd.	Total	
Transportation services— Concluded:									
Bulk:									
Revenue:									
Departures	No. 1,280	801	2,081	7,504	21,827	327	3,711	33,369	35,450
Hours flown	" 4,358	3,974	8,332	8,050	21,465	375	7,905	37,795	46,127
Miles flown	" 1,896,156	1,433,651	3,329,807	732,192	2,880,967	55,230	1,334,824	5,003,213	8,333,020
Passengers carried	" 59,916	34,019	93,935	17,631	46,729	1,174	16,240	81,774	175,709
Freight carried	lb. —	—	—	1,692,600	17,155,304	369,447	7,709,656	26,927,007	26,927,007
Passenger-miles	No. 170,399,736	120,796,914	291,196,650	2,246,738	54,109,346	487,327	14,590,990	71,434,401	362,631,051
Goods ton-miles	" —	—	—	134,399	1,579,054	58,665	4,157,558	5,929,676	5,929,676
Non-transportation services:									
Specialty flying:									
Revenue hours flown	" 222	—	222	2,255	—	—	33	2,288	2,510
Total — All services:									
Traffic hours and miles: ⁵									
Revenue:									
Departures	" 147,998	23,348	171,346	20,263	40,206	14,223	16,948	91,640	262,986
Hours flown	" 201,526	46,789	248,315	23,023	41,467	11,455	22,275	98,220	346,535
Miles flown	" 59,398,542	16,516,832	76,015,374	2,632,926	6,043,353	1,947,376	3,395,066	14,018,721	90,034,095
Passengers carried	" 4,733,670	630,816	5,364,486	103,738	280,426	121,280	85,022	590,466	5,954,952
Cargo carried	lb. 101,012,859	13,065,028	114,077,887	9,084,499	27,087,515	2,563,598	9,492,073	48,227,685	162,305,572
Goods carried	" 140,602,093	16,724,634	157,326,727	11,384,110	29,566,382	3,333,547	10,879,968	55,164,007	212,490,734
Passenger-miles	No. 3,713,266,682	1,144,940,562	4,858,207,244	24,834,362	113,134,166	35,904,785	36,867,095	210,740,408	5,068,947,652
Goods ton-miles	" 81,005,149	19,284,840	100,289,989	2,380,888	4,794,421	580,752	4,680,170	12,436,231	112,728,220
Non-revenue:									
Hours flown	" 4,956	1,265	6,221	1,450	2,535	383	846	5,214	11,435
Passengers carried	" ..	24,374	24,374	3,965	4,766	2,047	1,486	12,264	36,638
Goods carried	lb. ..	1,873,487	1,873,487	292,608	445,412	—	132,263	870,283	2,743,770
Passenger-miles	No. 163,282,797	54,657,479	217,940,276	1,787,956	1,565,149	548,919	741,594	4,643,618	222,583,894
Goods ton-miles	" 5,094,276	2,324,970	7,419,246	70,598	161,960	—	32,464	265,022	7,684,268
Fuel consumed:									
Turbo fuel:									
Quantity	gal. 170,915,765	47,371,211	218,286,976	1,254,050	—	1,649,399	837,969	3,741,418	222,028,394
Cost	\$ 22,086,682	7,688,248	29,774,930	262,404	—	341,375	179,709	783,488	30,558,418
Gasoline:									
Quantity	gal. —	5,282,926	5,282,926	1,314,062	5,199,893	311,451	2,243,765	9,069,171	14,352,097
Cost	\$ —	1,419,969	1,419,969	431,411	1,894,792	102,780	830,864	3,259,847	4,679,816
Oil consumed:									
Turbo aircraft:									
Quantity	gal. 35,925	6,391	42,316	603	—	6,540	75	7,218	49,534
Cost	\$ 366,683	54,996	421,679	8,250	—	22,901	750	31,901	453,580
Other aircraft:									
Quantity	gal. —	55,552	55,552	20,161	62,709	9,106	23,124	115,100	170,652
Cost	\$ —	51,496	51,496	25,202	78,386	7,286	24,326	135,200	186,696
Average number of employees:									
Pilots and co-pilots	No. 650	226	876	57	90	30	49	226	1,102
Other flight	" 807	278	1,085	15	45	15	23	98	1,183
General management	" 68	112	180	8	60	51	21	140	320
Maintenance labour	" 2,681	541	3,222	203	200	78	98	579	3,801
Aircraft and traffic servicing	" 4,126	920	5,046	114	109	114	63	400	5,446
Other personnel	" 3,921	728	4,649	43	25	9	57	134	4,783
Totals	" 12,253	2,805	15,058	440	529	297	311	1,577	16,635
Salaries and wages paid:									
Pilots and co-pilots	\$ 10,520,148	3,490,009	14,010,157	569,805	968,480	300,370	488,586	2,327,241	16,337,398
Other flight	\$ 4,578,593	1,837,025	6,415,618	56,111	217,041	60,460	85,835	419,447	6,835,065
General management	\$ 1,489,985	1,188,622	2,678,607	97,942	347,657	287,212	180,176	912,987	3,591,594
Maintenance labour	\$ 18,059,931	3,309,763	21,369,694	1,117,657	1,311,548	702,552	567,477	3,699,234	25,068,928
Aircraft and traffic servicing	\$ 25,295,960	4,887,125	30,183,085	507,756	819,546	536,105	290,477	2,153,884	32,336,969
Other personnel	\$ 25,857,704	3,607,434	29,465,138	198,449	58,659	134,112	128,231	519,451	29,984,589
Totals	\$ 85,802,321	18,319,978	104,122,299	2,547,720	3,722,931	2,020,811	1,740,782	10,032,244	114,154,543

¹ Routes included in scheduled or non-scheduled services according to predominant class of service.² Breakdown not available.³ Revised.⁴ Standard passenger weight used 200 pounds.⁵ Except for hours flown, these data relate to transportation services only.

TABLE 4. Interline Traffic,¹ Canadian Scheduled Carriers – All Services, by Company, 1965

		Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair Inc.	TransAir Ltd.	Total
Revenue passengers carried:								
Originated	No.	3,878,128	498,448	66,844	214,666	120,106	59,290	4,837,482
Domestic interline	"	795,626	42,755	16,424	—	—	—	907,204
Foreign interline	"	—	52,399	—	—	—	—	—
Totals ²	"	4,673,754	593,602	83,268	214,666	120,106	59,290	5,744,686
Revenue express carried:								
Originated	lb.	13,488,693	1,353,792	283,961	536,637	—	169,617	15,832,700
Domestic interline	"	—	—	—	—	—	—	—
Foreign interline	"	—	—	—	—	—	—	—
Totals ²	lb.	13,488,693	1,353,792	283,961	536,637	—	169,617	15,832,700
Revenue freight carried:								
Originated	"	87,524,166	9,708,863	6,992,864	8,559,541	2,194,151	757,515	115,737,100
Domestic interline	"	—	294,673	—	—	—	—	294,673
Foreign interline	"	—	530,603	—	—	—	—	530,603
Totals ²	"	87,524,166	10,534,139	6,992,864	8,559,541	2,194,151	757,515	116,562,376
Revenue excess baggage carried:								
Originated	"	..	601,039	146,981	420,636	322,398	56,454	1,547,508 ³
Domestic interline	"	..	—	—	—	—	—	—
Foreign interline	"	..	—	—	—	—	—	—
Totals ²	lb.	..	601,039	146,981	420,636	322,398	56,454	1,547,508 ³
Revenue mail carried:								
Originated	"	39,589,234	3,058,567	1,773,233	1,936,893	447,551	348,332	47,153,810
Domestic interline	"	—	—	—	—	—	—	—
Foreign interline	"	—	—	—	—	—	—	—
Totals ²	lb.	39,589,234	3,058,567	1,773,233	1,936,893	447,551	348,332	47,153,810

¹ Includes only scheduled and non-scheduled services designated as mainline by Air Transport Board.² Excludes division interline.³ Excludes Air Canada.

TABLE 5. Operating Statistics, Canadian International Carriers – All Revenue Services, by Area of Service, 1965

		Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Unit toll:								
Departures	No.	23,684	6,160	5,654	1,417	36,915	132,350	169,265
Hours flown	"	33,812	24,504	16,070	8,872	83,259	156,502	239,761
Miles scheduled	"	7,667,585	11,691,037	6,275,465	4,034,717	29,668,804	41,260,190	70,928,994
Miles flown:								
Scheduled—Regular	"	7,472,186	11,583,429	6,214,045	3,997,234	29,266,894	40,685,023	69,951,917
Extra sections	"	280,679	141,293	358,420	112,985	893,377	1,840,273	2,733,650
Non-scheduled	"	—	—	—	—	—	—	—
Totals	"	7,752,865	11,724,722	6,572,465	4,110,219	30,160,271	42,525,296	72,685,567
Ratio of regular miles flown to miles scheduled		97.5	99.1	99.0	99.1	98.6	98.6	98.6
Passengers carried	No.	..	..	..	..	1,801,934	3,468,617	5,270,551
Cargo carried	lb.	..	..	..	..	46,896,186	67,197,175	114,093,361
Mail carried	"	..	..	..	..	5,711,823	36,935,978	42,647,801
Passenger-miles	No.	421,157,540	928,630,878	469,233,894	289,946,078	2,108,968,390	2,458,042,204	4,567,010,594
Available seat-miles on scheduled services	"	632,153,326	1,526,663,365	837,391,570	508,483,557	3,504,691,818	3,782,990,745	7,287,682,563
Passenger load factor on scheduled services		66.6	60.8	56.0	57.0	60.2	65.0	62.7
Goods ton-miles:								
Express	No.	731,759	—	—	—	731,759	5,214,548	5,946,307
Freight	"	4,537,216	18,423,820	5,473,534	5,650,880	34,085,450	37,066,725	71,152,175
Excess baggage	"	188,637	650,934	556,934	209,674	1,606,179	1,409,727	3,015,906
Mail	"	519,928	3,149,350	858,951	1,535,248	6,063,477	14,112,124	20,175,601
Totals	"	5,977,540	22,224,104	6,889,419	7,395,802	42,486,865	57,803,124	100,289,989
Available ton-miles on scheduled services	"	88,371,883	239,018,852	117,929,948	79,820,183	525,140,866	576,761,971	1,101,902,837
Weight load factor on scheduled services ¹		54.4	48.1	45.6	45.6	48.3	52.6	50.5
Bulk:								
Departures	No.	1,114	2,594	138	18	3,864	..	..
Hours flown	"	1,859	12,262	665	96	14,882	..	..
Miles flown	"	399,047	3,956,634	189,072	35,713	4,580,466	..	..
Passengers carried	"	13,333	101,817	6,213	1,093	122,456	..	..
Goods carried	lb.	125,314	289,991	48,862	—	464,167	..	..
Passenger-miles ²	No.	7,200,935	362,716,117	10,937,844	2,706,738	390,425,680 ³	..	..
Goods ton-miles ²	"	136,401	15,789	99,284	—	251,474	..	..
Total:								
Departures	"	24,798	8,754	5,792	1,435	40,779	..	..
Hours flown	"	35,671	36,766	16,735	8,969	98,141	..	..
Miles flown	"	8,151,912	15,681,356	6,761,537	4,145,932	34,740,737	..	..
Passengers carried	"	..	..	..	..	1,876,446	..	..
Goods carried	lb.	..	..	..	..	50,722,617	..	..
Passenger-miles ²	No.	428,358,475	1,291,346,995	480,171,738	292,652,816	2,499,394,070 ³	..	..
Goods ton-miles ²	"	6,113,941	22,239,893	6,988,703	7,395,802	42,738,339	..	..

¹ Standard passenger weight used: 200 pounds.² Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.³ Includes 6,864,046 passenger-miles for which area of service is not available.

TABLE 6. Operating Statistics, Foreign Carriers, by Area of Service, 1965

	United States			Europe		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Revenue passengers carried:						
Unit toll..... No.	456,770	461,195	917,965	127,563	163,416	290,979
Bulk..... "	3,141	3,920	7,061	16,719	14,470	31,189
Totals "	459,911	465,115	925,026	144,282	177,886	322,168
Revenue freight, express and excess baggage carried:						
Unit toll..... lb.	2,134,487	10,215,767	12,350,254	5,096,032	17,582,761	22,678,793
Bulk..... "	—	—	—	5,574	2,013	7,587
Totals "	2,134,487	10,215,767	12,350,254	5,101,606	17,584,774	22,686,380
Mail carried (unit toll)..... "	633,613	1,462,200	2,095,813	736,807	1,354,910	2,091,717
	All other areas			Total		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Revenue passengers carried:						
Unit toll..... No.	10,622	10,274	20,896	594,955	634,885	1,229,840
Bulk..... "	—	—	—	19,860	18,390	38,250
Totals "	10,622	10,274	20,896	614,815	653,275	1,268,090
Revenue freight, express and excess baggage carried:						
Unit toll transportation..... lb.	425,854	84,029	509,883	7,656,373	27,882,557	35,538,930
Bulk transportation..... "	—	—	—	5,574	2,013	7,587
Totals "	425,854	84,029	509,883	7,661,947	27,884,570	35,546,517
Mail carried (unit toll transportation)..... "	33,069	17,021	50,090	1,403,489	2,834,131	4,237,620

TABLE 7. Statistical Summary of Group V Carriers, 1965

Operating statistics	1965	Statement of income	1965
Number of reporting carriers ¹	311	Number of reporting carriers.....	278
Unit toll and bulk transportation:		Operating revenues:	dollars
Revenue hours flown..... No.	111,343	Unit toll and bulk transportation.....	6,450,098
Revenue passengers carried..... "	223,132	Specialty flying services.....	5,765,166
Revenue goods carried..... lb.	24,247,075	Total flying services.....	12,215,264
Specialty flying services:		Non-flying services.....	2,666,417
Revenue hours flown:		Total operating revenues	14,881,681
Flying training..... No.	119,422	Operating expenses:	
Recreational flying..... "	25,550	Flying operations.....	6,745,080
Aerial photography and survey..... "	947	Maintenance.....	2,374,127
Aerial photography (excl. survey)..... "	542	General services and administration.....	3,406,663
Aerial pest control..... "	9,321	Depreciation.....	2,074,253
Aerial advertising..... "	654	Total operating expenses	14,600,123
Aerial patrol and inspection..... "	9,244	Operating income (loss).....	281,558
Aircraft rental..... "	21,162	Non-operating income—Net.....	57,365
Aerial fish cultivation..... "	26	Income before income taxes.....	338,923
Geophysical survey..... "	206	Provision for income taxes.....	170,753
Non-transportation charter..... "	1,184	Net income after income taxes.....	168,170
Other specialty flying..... "	2,853		
Total specialty flying services "	191,111		
Total—All services:			
Revenue hours flown..... "	302,454		
Non-revenue hours flown..... "	14,323		

¹ Note that the number of carriers reporting operating data differs from the number reporting a statement of income.

TABLE 8. Balance Sheet, Canadian Carriers, by Revenue Group, Year Ended December 31, 1965

	Scheduled carriers			Non-scheduled carriers			Grand total
	Group I	Group II	Total	Group III	Group IV	Total	
	dollars						
Assets:							
Current assets:							
Cash and special deposits	54,953,385	300,714	55,254,099	1,621,465	558,239	2,179,704	57,433,803
Notes and accounts receivable	37,504,824	4,771,237	42,276,061	4,532,984	4,530,900	9,063,884	51,339,945
Less: reserve for uncollectible accounts	902,697	81,043	983,740	243,028	270,431	513,459	1,497,199
Materials and supplies	18,823,850	1,476,254	20,300,104	1,950,025	2,595,047	4,545,072	24,845,176
Short term prepayments	1,285,259	208,952	1,494,211	459,858	459,192	919,050	2,413,261
Other current assets	5,358	—	5,358	107,766	1,107,935	1,215,701	1,221,059
Total current assets	111,669,979	6,676,114	118,346,093	8,429,070	8,980,882	17,409,952	135,756,045
Investments and special funds	5,904,919	5,778,066	11,682,985	3,557,657	2,542,757	6,100,414	17,783,399
Property and equipment:							
Operating	349,849,930	18,047,485	367,897,415	26,355,891	23,390,717	49,746,608	417,644,023
Less: accumulated depreciation	146,126,742	7,098,229	153,224,971	13,681,330	11,883,393	25,564,723	178,789,694
Non-operating	149,888	4,618,901	4,768,789	91,395	578,373	669,768	5,438,557
Less: accumulated depreciation	149,888	2,726,389	2,876,277	52,445	206,695	259,140	3,135,417
Total property and equipment	203,723,188	12,841,768	216,564,956	12,713,511	11,879,002	24,592,513	241,157,469
Deferred charges:							
Long term prepayments	164,026	—	164,026	13,395	91,920	105,315	269,341
Other deferred charges	255,418	1,483,916	1,739,334	348,353	392,412	740,765	2,480,099
Total deferred charges	419,444	1,483,916	1,903,360	361,748	484,332	846,080	2,749,440
Total assets	321,717,530	26,779,864	348,497,394	25,061,986	23,886,973	48,948,959	397,446,353
Liabilities:							
Current liabilities:							
Notes and accounts payable	29,850,801	5,341,742	35,192,543	3,736,456	6,968,729	10,705,185	45,897,728
Current portion of long term debt	—	670,648	670,648	543,530	1,428,969	1,972,499	2,643,147
Accrued taxes	76,185	305,264	381,449	363,639	204,639	568,278	949,727
Other current and accrued liabilities	22,961,052	656,378	23,617,430	1,056,025	922,452	1,978,477	25,595,907
Total current liabilities	52,888,038	6,974,032	59,862,070	5,699,650	9,524,789	15,224,439	75,086,509
Non-current liabilities:							
Long term debt	—	7,481,202	7,481,202	3,510,453	4,634,702	8,145,155	15,626,357
Other non-current liabilities	235,819,500	416,261	236,235,761	4,947,608	611,978	5,559,586	241,795,347
Total non-current liabilities	235,819,500	7,897,463	243,716,963	8,458,061	5,246,680	13,704,741	257,421,704
Deferred credits	392,204	—	392,204	141,922	284,789	426,711	818,915
Reserves	5,288,626	1,140,160	6,428,786	757,992	81,725	839,717	7,268,503
Capital stock and surplus:							
Capital stock issued and outstanding:							
Preferred	9,750,000	4,669,975	14,419,975	1,867,242	1,135,764	3,003,006	17,422,981
Common	18,000,000	2,697,456	20,697,456	1,700,739	4,292,860	5,993,599	26,691,055
Other paid-in capital	—	—	—	736,680	395,669	1,132,349	1,132,349
Unappropriated surplus	Dr. 420,838	3,400,778	2,979,940	5,699,700	2,924,697	8,624,397	11,604,337
Total capital stock and surplus	27,329,162	10,768,209	38,097,371	10,004,361	8,748,990	18,753,351	56,850,722
Total liabilities	321,717,530	26,779,864	348,497,394	25,061,986	23,886,973	48,948,959	397,446,353

TABLE 9. Balance Sheet, Canadian Scheduled Carriers, by Company, Year Ended December 31, 1965

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair Inc.	TransAir Ltd.	Total
	dollars						
Assets:							
Current assets:							
Cash	40,358,041	2,570,954	72,500	7,854	180,524	34,712	43,224,585
Special deposits	87,412	11,936,978	270	—	2,974	1,880	12,029,514
Notes and accounts receivable:							
Governments	4,543,091	—	369,977	414,219	253,262	478,402	6,058,951
General traffic	16,979,664	6,990,243	730,942	799,332	279,438	284,676	26,064,295
Associated companies	656,154	—	762,266	—	72,667	—	1,491,087
Company personnel	173,639	24,407	28,342	69,534	—	9,493	305,415
Other	7,307,612	830,014	170,878	17,470	28,532	1,807	8,356,313
Total notes and accounts receivable	29,660,160	7,844,664	2,062,405	1,300,555	633,899	774,378	42,276,061
Less: reserve for uncollectible accounts	310,000	592,697	30,011	32,497	—	18,535	983,740
Materials and supplies	16,600,724	2,223,126	643,660	498,118	29,444	305,032	20,300,104
Short term prepayments	784,360	500,899	19,794	72,220	63,139	53,799	1,494,211
Other current assets	5,358	—	—	—	—	—	5,358
Total current assets	87,186,055	24,483,924	2,768,618	1,846,250	909,980	1,151,266	118,346,093
Investments and special funds:							
Investments in associated companies	11,098	—	3,708,500	—	1,987,381	82,185	5,789,164
Other investments	—	547,374	—	—	—	—	547,374
Special funds	5,288,626	57,821	—	—	—	—	5,346,447
Total investments and special funds	5,299,724	605,195	3,708,500	—	1,987,381	82,185	11,682,985
Property and equipment:							
Operating	327,617,352	22,232,578	5,948,050	7,179,041	—	4,920,394	367,897,415
Less: accumulated depreciation	132,363,906	13,762,836	1,158,494	3,533,700	—	2,406,035	153,224,971
Non-operating	149,888	—	—	—	4,618,901	—	4,768,789
Less: accumulated depreciation	149,888	—	—	—	2,726,389	—	2,876,277
Total property and equipment	195,253,446	8,469,742	4,789,556	3,645,341	1,892,512	2,514,359	216,564,956
Deferred charges:							
Long term prepayments	164,026	—	—	—	—	—	164,026
Developmental and pre-operating costs	—	214,800	50,058	10,023	—	56,039	330,920
Unamortized discount and expense on debt	—	—	—	—	—	—	—
Property acquisition adjustment	—	—	—	—	—	—	—
Other intangibles	—	—	—	1,274,593	—	—	1,274,593
Other deferred charges	24,551	16,067	—	—	93,203	—	133,821
Total deferred charges	188,577	230,867	50,058	1,284,616	93,203	56,039	1,903,360
Total assets	287,927,802	33,789,728	11,316,732	6,776,207	4,883,076	3,803,849	348,497,394
Liabilities:							
Current liabilities:							
Notes and accounts payable:							
Current notes payable	—	—	701,959	770,452	7,024	385,000	1,864,435
Accounts payable — General	8,518,617	2,887,710	862,919	1,345,378	471,322	734,135	14,820,081
Collections as agents — Traffic	10,041,539	2,983,144	—	39,272	—	20,267	13,084,222
Other	800,652	464,535	—	—	—	—	1,265,187
Associated companies	2,529,680	1,624,924	4,014	—	—	—	4,158,618
Current portion of long term debt	—	—	—	344,312	—	326,336	670,648
Total notes and accounts payable	21,890,488	7,960,313	1,568,892	2,499,414	478,346	1,465,738	35,863,191
Accrued salaries and wages	6,497,130	997,868	229,086	56,177	73,840	95,875	7,949,976
Accrued taxes	62,962	13,223	—	305,264	—	—	381,449
Dividends payable	200,000	—	—	—	—	—	200,000
Air travel plan liability	1,838,800	—	—	—	—	—	1,838,800
Unearned transportation revenue	5,756,886	3,978,866	83,718	86,197	—	31,485	9,937,152
Other current liabilities	—	3,691,502	—	—	—	—	3,691,502
Total current liabilities	36,246,266	16,641,772	1,881,696	2,947,052	552,186	1,593,098	59,862,070
Non-current liabilities:							
Long term debt	—	—	5,000,000	619,980	1,777,627	83,595	7,481,202
Advances from associated companies	235,819,500	—	26,213	—	300,000	90,048	236,235,761
Pension liability	—	—	—	—	—	—	—
Other non-current liabilities	—	—	—	—	—	—	—
Total non-current liabilities	235,819,500	—	5,026,213	619,980	2,077,627	173,643	243,716,963
Deferred credits:							
Unamortized premium on debt	—	—	—	—	—	—	—
Other deferred credits	—	392,204	—	—	—	—	392,204
Total deferred credits	—	392,204	—	—	—	—	392,204
Reserves:							
Reserve for major overhauls	—	—	445,048	352,115	—	342,997	1,140,160
Reserve for self-insurance	5,288,626	—	—	—	—	—	5,288,626
Other reserves	—	—	—	—	—	—	—
Total reserves	5,288,626	—	445,048	352,115	—	342,997	6,428,786
Capital stock and surplus:							
Capital stock issued and outstanding:							
Preferred	—	9,750,000	3,263,800	1,158,950	47,225	200,000	14,419,975
Common	5,000,000	13,000,000	998	356,493	1,500,000	839,965	20,697,456
Capital stock subscribed and unissued	—	—	—	—	—	—	—
Other paid in capital	—	—	—	—	—	—	—
Unappropriated surplus	5,573,410	Dr. 5,994,248	698,977	1,341,617	706,038	654,146	2,979,940
Total capital stock and surplus	10,573,410	16,755,752	3,963,775	2,857,060	2,253,263	1,694,111	38,097,371
Total liabilities	287,927,802	33,789,728	11,316,732	6,776,207	4,883,076	3,803,849	348,497,394

TABLE 10. Property and Equipment and Accumulated Depreciation, Canadian Carriers, by Revenue Group, Year Ended December 31, 1965

No.		Cost		
		Beginning of year	Additions	Retirements
		dollars		
		Group I and II carriers		
	Operating property and equipment:			
1	Flight equipment	272,751,340	6,117,997	3,762,587
2	Ground equipment	35,937,265	3,350,443	1,646,542
3	Buildings and other improvements	45,148,874	44,852	55,012
4	Total flight and ground property and equipment	353,837,479	9,513,292	5,464,141
5	Land	25,549	2,900	119
6	Construction work in progress	5,891,124	7,787,408	—
7	Total operating property and equipment	359,754,152	17,303,600	5,464,260
8	Non-operating property and equipment	407,475	—	205,580
9	Total property and equipment	360,161,627	17,303,600	5,669,840
		Group III carriers		
	Operating property and equipment:			
10	Flight equipment	19,949,056	7,191,128	5,295,087
11	Ground equipment	1,520,128	268,134	68,664
12	Buildings and other improvements	2,788,217	199,363	536,777
13	Total flight and ground property and equipment	24,257,401	7,658,625	5,900,528
14	Land	150,989	19,086	2,050
15	Construction work in progress	50,633	13,349	20,794
16	Total operating property and equipment	24,459,023	7,691,060	5,923,372
17	Non-operating property and equipment	206,383	29,040	3,000
18	Total property and equipment	24,665,406	7,720,100	5,926,372
		Group IV carriers		
	Operating property and equipment:			
19	Flight equipment	15,447,598	5,304,270	1,871,604
20	Ground equipment	1,880,488	473,359	108,977
21	Building and other improvements	1,925,223	360,901	266,943
22	Total flight and ground property and equipment	19,253,309	6,138,530	2,247,524
23	Land	78,623	20,780	5,900
24	Construction work in progress	—	—	—
25	Total operating property and equipment	19,331,932	6,159,310	2,253,424
26	Non-operating property and equipment	351,830	226,727	6,399
27	Total property and equipment	19,683,762	6,386,037	2,259,823

**TABLE 10. Property and Equipment and Accumulated Depreciation, Canadian Carriers, by Revenue Group,
Year Ended December 31, 1965**

Cost			Accumulated depreciation					No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year	End of year	
Debit	Credit			Debit	Credit			
dollars								
Group I and II carriers								
1,317,074	336,075	276,087,749	97,402,431	1,917,703	880,150	27,036,860	123,401,738	1
620,174	620,174	37,641,166	17,660,769	1,611,900	—	4,149,413	20,198,282	2
—	—	45,138,714	10,593,876	39,376	7,238	1,789,601	12,351,339	3
1,937,248	956,249	358,867,629	125,657,076	3,568,979	887,388	32,975,874	155,951,359	4
—	—	28,330	—	—	—	—	—	5
—	58,175	13,620,357	—	—	—	—	—	6
1,937,248	1,014,424	372,516,316	125,657,076	3,568,979	887,388	32,975,874	155,951,359	7
—	52,007	149,888	288,847	138,959	—	—	149,888	8
1,937,248	1,066,431	372,666,204	125,945,923	3,707,938	887,388	32,975,874	156,101,247	9
Group III carriers								
545,710	482,065	21,908,742	10,832,737	1,575,636	299,234	1,973,503	11,529,838	10
43,754	62,608	1,700,744	997,659	94,664	30,369	148,926	1,082,290	11
159,574	56,283	2,554,094	1,117,547	220,657	70,561	133,909	1,101,360	12
749,038	600,956	26,163,580	12,947,943	1,890,957	400,164	2,256,338	13,713,488	13
—	—	168,025	—	—	—	—	—	14
—	—	43,188	734	—	—	468	1,202	15
749,038	600,956	26,374,793	12,948,677	1,890,957	400,164	2,256,806	13,714,690	16
—	185,324	47,099	86,489	76,178	—	8,775	19,086	17
749,038	786,280	26,421,892	13,035,166	1,967,135	400,164	2,265,581	13,733,776	18
Group IV carriers								
172,813	39,590	19,013,487	8,495,890	630,229	93,358	1,881,251	9,840,270	19
54,270	39,054	2,260,086	1,163,913	89,548	24,185	198,641	1,297,191	20
4,459	—	2,023,640	739,278	116,651	4,110	119,199	745,936	21
231,542	78,644	23,297,213	10,399,081	836,428	121,653	2,199,091	11,883,397	22
—	—	93,503	—	—	—	—	—	23
—	—	—	—	—	—	—	—	24
231,542	78,644	23,390,716	10,399,081	836,428	121,653	2,199,091	11,883,397	25
—	—	572,158	174,385	1,961	—	28,055	200,479	26
231,542	78,644	23,962,874	10,573,466	838,389	121,653	2,227,146	12,083,876	27

**TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1965**

No.		Cost		
		Beginning of year	Additions	Retirements
		dollars		
		Air Canada		
	Operating property and equipment:			
	Flight equipment:			
1	Airframes	175,918,872	756,769	—
2	Aircraft engines	42,809,561	515,381	—
3	Aircraft propellers	3,347,602	—	—
4	Aircraft communications and navigational equipment	3,913,765	20,865	—
5	Miscellaneous flight equipment	75,178	—	—
6	Flight equipment, spare parts and assemblies	15,710,815	1,981,590	797,638
7	Total flight equipment, spare parts and assemblies	241,775,793	3,274,605	797,638
	Ground property and equipment:			
8	Ramp equipment	7,313,399	603,065	82,453
9	Communications and meteorological equipment	399,436	15,122	35,676
10	Maintenance and engineering equipment	8,976,323	519,372	658,770
11	Surface transport vehicles and equipment	365,959	68,471	48,354
12	Furniture, fixtures and office equipment	2,824,810	159,873	605,719
13	Miscellaneous ground equipment	9,221,958	1,527,857	160,125
14	Buildings and other improvements	39,837,911	Dr. 82,473	—
15	Total operating ground property and equipment	68,939,796	2,811,287	1,591,097
16	Land	—	—	—
17	Construction work in progress	5,832,949	7,371,657	—
18	Total operating property and equipment	316,548,538	13,457,549	2,388,735
19	Non-operating property and equipment	149,888	—	—
20	Total property and equipment	316,698,426	13,457,549	2,388,735
		Canadian Pacific Air Lines Ltd.		
	Operating property and equipment:			
	Flight equipment:			
21	Airframes	6,935,005	—	403,503
22	Aircraft engines	1,725,464	—	295,612
23	Aircraft propellers	335,463	—	83,673
24	Aircraft communications and navigational equipment	294,681	—	16,483
25	Miscellaneous flight equipment	408,839	26,580	55,489
26	Flight equipment spare parts and assemblies	4,846,620	244,156	286,980
27	Total flight equipment	14,546,072	270,736	1,141,740
	Ground property and equipment:			
28	Ramp equipment	1,238,879	144,942	13,153
29	Communications and meteorological equipment	48,960	—	2,000
30	Maintenance and engineering equipment	1,867,976	30,217	—
31	Surface transport vehicles and equipment	147,144	26,942	18,459
32	Furniture, fixtures and office equipment	575,639	48,413	—
33	Miscellaneous ground equipment	1,191,788	24,083	—
34	Buildings and other improvements	3,235,044	41,288	32,199
35	Total operating ground property and equipment	8,305,430	315,885	65,811
36	Land	2,006	—	—
37	Construction work in progress	—	—	—
38	Total operating property and equipment	22,853,508	586,621	1,207,551
39	Non-operating property and equipment	—	—	—
40	Total property and equipment	22,853,508	586,621	1,207,551

¹ Transfers.

² Retirements.

**TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1965**

Cost				Accumulated depreciation					No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year		End of year	
Debit	Credit			Debit	Credit	Rate	Amount		
dollars									
Air Canada									
52,714	77,773	176,650,582	59,286,216	12,132 ¹	—	..	17,759,675	77,033,759	1
—	—	43,324,942	14,853,948	—	—	..	4,065,512	18,919,460	2
—	—	3,347,602	1,378,118	—	—	..	396,732	1,774,850	3
—	52,714	3,881,916	1,677,761	—	—	..	358,330	2,036,091	4
—	—	75,178	22,371	—	—	..	5,359	27,730	5
77,773	—	16,972,540	5,570,655	740,630 ²	12,132 ¹	..	1,705,915	6,548,072	6
130,487	130,487	244,252,760	82,789,069	752,762	12,132	...	24,291,523	106,339,962	7
61,140	—	7,895,151	3,507,928	80,772 ²	37,312 ¹	..	708,211	4,172,679	8
—	—	378,882	248,669	34,948 ²	—	..	54,183	267,904	9
—	332,820	8,504,105	5,530,421	869,143 ³	—	..	953,700	5,614,978	10
3,047	—	389,123	214,284	36,378 ²	—	..	52,670	230,576	11
—	287,354	2,091,610	1,281,710	787,228 ⁴	—	..	437,905	932,387	12
555,987	—	11,145,677	2,754,891	160,500 ²	367,555 ¹	..	1,378,855	4,340,801	13
—	—	39,755,438	8,890,845	—	7,238 ¹	..	1,566,536	10,464,619	14
620,174	620,174	70,159,986	22,428,748	1,968,969	412,105	...	5,152,060	26,023,944	15
—	—	—	—	—	—	—	—	—	16
—	—	13,204,606	—	—	—	—	—	—	17
750,661	750,661	327,617,352	105,217,817	2,721,731	424,237	—	29,443,583	132,363,906	18
—	—	149,888	149,888	—	—	—	—	149,888	19
750,661	750,661	327,767,240	105,367,705	2,721,731	424,237	...	29,443,583	132,513,794	20
Canadian Pacific Air Lines Ltd.									
—	—	6,531,502	4,275,778	221,172	—	8.5	611,772	4,666,378	21
—	—	1,429,852	1,239,788	205,289	—	8.5	60,583	1,095,082	22
—	—	251,790	198,578	56,898	—	8.5	23,270	164,950	23
—	—	278,198	197,939	8,790	—	8.5	20,220	209,369	24
—	—	379,930	216,519	32,344	—	8.5	32,854	217,029	25
—	—	4,803,796	2,483,117	120,021	—	10.0	481,303	2,844,399	26
—	—	13,675,068	8,611,719	644,514	—	...	1,230,002	9,197,207	27
—	—	1,370,668	523,232	9,671	—	10.0	115,830	629,391	28
—	—	46,960	48,960	2,000	—	—	—	46,960	29
—	—	1,898,193	1,174,010	—	—	10.0	111,514	1,285,524	30
—	—	155,627	86,820	18,459	—	25.0	27,980	96,341	31
—	—	624,052	378,812	—	—	10.0	28,910	407,722	32
—	—	1,215,871	793,448	—	—	10.0	110,892	904,340	33
—	—	3,244,133	1,111,379	32,199	—	..	116,171	1,195,351	34
—	—	8,555,504	4,116,661	62,329	—	...	511,297	4,565,629	35
—	—	2,006	—	—	—	—	—	—	36
—	—	—	—	—	—	—	—	—	37
—	—	22,232,578	12,728,380	706,843	—	—	1,741,299	13,762,836	38
—	—	—	—	—	—	—	—	—	39
—	—	22,232,578	12,728,380	706,843	—	...	1,741,299	13,762,836	40

³ Transfers: \$220,825; retirements \$648,318.

⁴ Transfers: \$191,280; retirements \$595,948.

**TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1965 — Continued**

No.		Cost		
		Beginning of year	Additions	Retirements
		dollars		
		Eastern Provincial Airways (1963) Ltd.		
	Operating property and equipment:			
	Flight equipment:			
1	Airframes	3,148,000	127,066	766,909
2	Aircraft engines	768,000	44,500	198,000
3	Aircraft propellers	121,500	4,000	31,000
4	Aircraft communications and navigational equipment	457,191	15,340	106,540
5	Miscellaneous flight equipment	5,621	2,731	—
6	Flight equipment, spare parts and assemblies	1,105,799	202,382	134,931
7	Total flight equipment	5,606,111	396,019	1,237,380
	Ground property and equipment:			
8	Ramp equipment	56,146	922	—
9	Communications and meteorological equipment	32,773	22,479	—
10	Maintenance and engineering equipment	65,900	6,366	—
11	Surface transport vehicles and equipment	15,336	740	593
12	Furniture, fixtures and office equipment	81,291	12,516	—
13	Miscellaneous ground equipment	66,012	2,119	95
14	Buildings and other improvements	798,136	32,386	11,813
15	Total operating ground property and equipment	1,115,594	77,528	12,501
16	Land	2,479	200	—
17	Construction work in progress	—	—	—
18	Total operating property and equipment	6,724,184	473,747	1,249,881
19	Non-operating property and equipment	—	—	—
20	Total property and equipment	6,724,184	473,747	1,249,881
		Pacific Western Airlines Ltd.		
	Operating property and equipment:			
	Flight equipment:			
21	Airframes	2,907,164	539,978	33,302
22	Aircraft engines	771,178	255,370	41,575
23	Aircraft propellers	—	—	—
24	Aircraft communications and navigational equipment	169,827	97,272	1,242
25	Miscellaneous flight equipment	52,770	6,200	—
26	Flight equipment, spare parts and assemblies	732,179	88,824	25,645
27	Total flight equipment	4,633,118	987,644	101,764
	Ground property and equipment:			
28	Ramp equipment	—	—	—
29	Communications and meteorological equipment	143,631	2,755	—
30	Maintenance and engineering equipment	191,464	19,774	115
31	Surface transport vehicles and equipment	111,523	15,841	9,791
32	Furniture, fixtures and office equipment	155,224	9,031	—
33	Miscellaneous ground equipment	117,710	20,796	787
34	Buildings and other improvements	446,267	26,189	—
35	Total operating ground property and equipment	1,165,819	94,386	10,693
36	Land	802	—	—
37	Construction work in progress	25,345	399,533	—
38	Total operating property and equipment	5,825,084	1,481,563	112,457
39	Non-operating property and equipment	—	—	—
40	Total property and equipment	5,825,084	1,481,563	112,457

**TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1965 — Continued**

Cost			Accumulated depreciation						No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year		End of year	
Debit	Credit			Debit	Credit	Rate	Amount		
dollars									
Eastern Provincial Airways (1963) Ltd.									
—	—	2,508,157	411,446	90,706	—	..	257,912	578,652	1
—	—	614,500	123,959	65,918	—	..	65,156	123,197	2
—	—	94,500	18,823	9,795	—	..	9,992	19,020	3
—	—	365,991	61,972	23,721	—	..	35,774	74,025	4
—	—	8,352	126	—	—	..	104	230	5
—	—	1,173,250	56,592	—	30,171	..	53,649	140,412	6
—	—	4,764,750	672,918	190,140	30,171	...	422,587	935,536	7
—	—	57,068	16,484	—	—	..	12,364	28,848	8
—	—	55,252	8,431	—	—	..	6,323	14,754	9
—	—	72,266	15,135	—	—	..	11,351	26,486	10
—	—	15,483	6,306	—	—	..	4,728	11,034	11
—	—	93,807	16,793	—	—	..	12,595	29,388	12
—	—	68,036	18,209	—	—	..	13,656	31,865	13
—	—	818,709	44,441	833	—	..	36,975	80,583	14
—	—	1,180,621	125,799	833	—	...	97,992	222,958	15
—	—	2,679	—	—	—	—	—	—	16
—	—	—	—	—	—	—	—	—	17
—	—	5,948,050	798,717	190,973	30,171	...	520,579	1,158,494	18
—	—	—	—	—	—	—	—	—	19
—	—	5,948,050	798,717	190,973	30,171	...	520,579	1,158,494	20
Pacific Western Airlines Ltd.									
—	—	3,413,840	1,813,370	23,733	—	..	160,678	1,950,315	21
—	—	984,973	140,927	2,353	—	..	54,256	192,830	22
—	—	—	—	—	—	—	—	—	23
—	—	265,857	107,422	1,242	—	12.5	18,003	124,183	24
—	—	58,970	21,098	—	—	12.5	5,169	26,267	25
10,196	—	805,554	449,219	12,635	—	12.5	74,284	510,868	26
10,196	—	5,529,194	2,532,036	39,963	—	...	312,390	2,804,463	27
—	—	—	—	—	—	—	—	—	28
—	—	146,386	105,695	—	—	10	12,237	117,932	29
—	—	211,123	141,079	100	—	10	13,222	154,201	30
—	—	117,573	99,689	9,131	—	20	4,412	94,970	31
—	—	164,255	119,920	—	—	10	10,458	130,378	32
—	—	137,719	71,009	702	—	10	10,060	80,367	33
—	—	472,456	125,568	—	—	5 and 10	25,821	151,389	34
—	—	1,249,512	662,960	9,933	—	...	76,210	729,237	35
—	—	802	—	—	—	—	—	—	36
—	25,345	399,533	—	—	—	—	—	—	37
10,196	25,345	7,179,041	3,194,996	49,896	—	...	388,600	3,533,700	38
—	—	—	—	—	—	—	—	—	39
10,196	25,345	7,179,041	3,194,996	49,896	—	...	388,600	3,533,700	40

**TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1965 — Concluded**

No.		Cost		
		Beginning of year	Additions	Retirements
		dollars		
		Quebecair Inc.		
	Operating property and equipment:			
	Flight equipment:			
1	Airframes	2,586,153	53,314	—
2	Aircraft engines	—	—	—
3	Aircraft propellers	65,000	9,523	—
4	Aircraft communications and navigational equipment	—	—	—
5	Miscellaneous flight equipment	23,364	53	—
6	Flight equipment, spare parts and assemblies	451,524	—	—
7	Total flight equipment	3,126,041	62,890	—
	Ground property equipment:			
8	Ramp equipment	17,587	—	—
9	Communications and meteorological equipment	—	5,400	—
10	Maintenance and engineering equipment	101,248	91	—
11	Surface transport vehicles and equipment	—	—	—
12	Furniture, fixtures, and office equipment	128,015	8,994	596
13	Miscellaneous ground equipment	22,975	2,696	—
14	Buildings and other improvements	—	—	—
15	Total operating ground property and equipment	269,825	17,181	596
16	Land	—	—	—
17	Construction work in progress	—	—	—
18	Total operating property and equipment	3,395,866	80,071	596
19	Non-operating property and equipment	—	—	—
20	Total property and equipment	3,395,866	80,071	596
		TransAir Ltd.		
	Operating property and equipment:			
	Flight equipment:			
21	Airframes	1,902,446	459,554	180,967
22	Aircraft engines	865,442	397,995	218,018
23	Aircraft propellers	—	—	—
24	Aircraft communications and navigational equipment	115,603	68,039	25,894
25	Miscellaneous flight equipment	81,509	25,895	—
26	Flight equipment, spare parts and assemblies	99,205	174,620	59,186
27	Total flight equipment	3,064,205	1,126,103	484,065
	Ground property and equipment:			
28	Ramp equipment	—	—	—
29	Communications and meteorological equipment	76,913	—	—
30	Maintenance and engineering equipment	179,916	20,669	—
31	Surface transport vehicles and equipment	100,541	21,410	9,856
32	Furniture, fixtures and office equipment	97,153	8,577	—
33	Miscellaneous ground equipment	3,636	910	—
34	Buildings and other improvements	831,516	27,462	11,000
35	Total operating ground property and equipment	1,289,675	79,028	20,856
36	Land	20,262	2,700	119
37	Construction work in progress	32,830	16,218	—
38	Total operating property and equipment	4,406,972	1,224,049	505,040
39	Non-operating property and equipment	257,587	—	205,580
40	Total property and equipment	4,664,559	1,224,049	710,620

**TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1965 — Concluded**

Cost			Accumulated depreciation							No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year		End of year		
Debit	Credit			Debit	Credit	Rate	Amount			
dollars						%	dollars			
Quebecair Inc.										
1,141,990	—	3,781,457	1,531,165	—	756,112	10	254,244	2,541,521	1	
—	—	—	—	—	—	..	—	—	2	
—	—	74,523	—	—	—	..	—	—	3	
—	—	—	—	—	—	..	—	—	4	
—	1	23,416	9,363	—	—	..	2,098	11,461	5	
1,571	—	453,095	—	—	—	..	—	—	6	
1,143,561	1	4,332,491	1,540,528	—	756,112	...	256,342	2,552,982	7	
—	—	17,587	10,778	—	—	..	1,703	12,481	8	
—	—	5,400	—	—	—	..	540	540	9	
—	—	101,339	55,086	—	—	..	9,049	64,135	10	
—	—	—	—	—	—	..	—	—	11	
—	—	136,413	70,151	357	—	..	13,234	83,028	12	
—	—	25,671	10,655	—	—	..	2,567	13,222	13	
—	—	—	—	—	—	..	—	—	14	
—	—	286,410	146,670	357	—	...	27,093	173,406	15	
—	—	—	—	—	—	—	—	—	16	
—	—	—	—	—	—	—	—	—	17	
1,143,561	1	4,618,901	1,687,198	357	756,112	...	283,435	2,726,388	18	
—	—	—	—	—	—	—	—	—	19	
1,143,561	1	4,618,901	1,687,198	357	756,112	...	283,435	2,726,388	20	
TransAir Ltd.										
32,830	205,587	2,008,276	1,020,494	245,694	93,867	..	378,223	1,246,890	21	
—	—	1,045,419	59,865	33,373	—	..	123,312	149,804	22	
—	—	—	—	—	—	..	—	—	23	
—	—	157,748	98,254	23,389	—	40	17,146	92,011	24	
—	—	107,404	77,548	—	—	40	5,335	82,883	25	
—	—	214,639	—	—	—	..	—	—	26	
32,830	205,587	3,533,486	1,256,161	302,456	93,867	...	524,016	1,571,588	27	
—	—	—	—	—	—	—	—	—	28	
—	—	76,913	61,769	—	—	25	3,786	65,555	29	
—	—	200,585	127,584	—	—	20	12,515	140,099	30	
—	—	112,095	89,034	7,378	—	30	6,663	88,319	31	
—	—	105,730	71,883	—	—	20	6,770	78,653	32	
—	—	4,546	1,894	—	—	20	530	2,424	33	
—	—	847,978	421,643	6,344	—	10	44,098	459,397	34	
—	—	1,347,847	773,807	13,722	—	...	74,362	834,447	35	
—	—	22,843	—	—	—	—	—	—	36	
—	32,830	16,218	—	—	—	—	—	—	37	
32,830	238,417	4,920,394	2,029,968	316,178	93,867	...	598,378	2,406,035	38	
—	52,007	—	138,959	138,959	—	..	—	—	39	
32,830	290,424	4,920,394	2,168,927	455,137	93,867	...	598,378	2,406,035	40	

TABLE 12. Statement of Income, Canadian Carriers — All Services, by Revenue Group, Year Ended December 31, 1965

	Scheduled carriers			Non-scheduled carriers			Grand total	Grand total 1964
	Group I	Group II ¹	Total	Group III ¹	Group IV	Total		
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	267,463,438	12,578,529	280,041,967	3,006,476	447,422	3,453,898	283,495,865	240,189,146
Express	5,487,977	774,317	6,262,294	85,638	19,377	105,015	6,367,309	4,570,920
Freight	18,589,533	2,220,624	20,810,157	1,111,403	81,005	1,192,408	22,002,565	18,036,702
Excess baggage	1,693,893	208,162	1,902,055	66,783	7,801	74,584	1,976,639	1,732,996
Mail	16,435,019	1,631,209	18,066,228	611,009	78,234	689,243	18,755,471	17,179,198
Total unit toll transportation	309,669,860	17,412,841	327,082,701	4,881,309	633,839	5,515,148	332,597,849	281,708,962
Bulk transportation	10,303,272	7,683,261	17,986,533	15,950,118	13,815,055	29,765,173	47,751,706	42,681,691
Total transportation	319,973,132	25,096,102	345,069,234	20,831,427	14,448,894	35,280,321	380,349,555	324,390,653
Other flying services	67,739	493,476	561,215	4,243,023	2,889,707	7,132,730	7,693,945	6,247,461
Total flying services	320,040,871	25,589,578	345,630,449	25,074,450	17,338,601	42,413,051	388,043,500	330,638,114
Non-flying services	2,261,566	426,682	2,688,248	783,654	1,291,164	2,074,818	4,763,066	4,292,760
Total operating revenues	322,302,437	26,016,260	348,318,697	25,858,104	18,629,765	44,487,869	392,806,566	334,930,874
Operating expenses:								
Flying operations	73,403,257	8,782,044	82,185,301	9,801,223	7,518,535	17,319,758	99,505,059	86,432,622
Maintenance	62,533,766	7,393,869	69,927,635	7,197,066	4,465,836	11,662,902	81,590,537	68,979,142
General services and administration:								
Passenger service	24,921,477	995,399	25,916,876	..	..	..	..	..
Aircraft and traffic servicing	42,961,542	3,736,202	46,697,744	..	..	..	..	..
Promotion and sales	50,443,597	1,699,745	52,143,342	..	..	..	..	..
General administration	12,265,832	1,663,953	13,929,785	..	..	..	..	..
Totals	130,592,448	8,095,299	138,687,747	4,910,993	3,127,286	8,038,279	146,726,026	125,545,117
Depreciation and amortization	34,440,816	1,658,418	36,099,234	2,178,927	2,108,101	4,287,028	40,386,262	34,612,748
Total operating expenses	300,970,287	25,929,630	326,899,917	24,088,209	17,219,758	41,307,967	368,207,884	315,569,629
Operating income (loss)	21,332,150	86,630	21,418,780	1,769,895	1,410,007	3,179,902	24,598,682	19,361,245
Non-operating income—Net:								
Capital gains and losses	172,819	787,663	960,482	235,918	437,380	673,298	1,633,780	2,570,474
Interest and discounts	3,272,034	6,627	3,278,661	54,287	16,500	70,787	3,349,448	2,168,457
Miscellaneous non-operating income	Dr. 279,257	7,536	Dr. 271,721	Dr. 65,209	132,103	66,894	Dr. 204,827	155,111
Income before interest expense	24,497,746	888,456	25,386,202	1,394,891	1,995,990	3,990,881	29,377,083	24,255,287
Interest expense	13,323,461	627,477	13,950,938	558,634	591,129	1,149,763	15,100,701	15,387,103
Income before income taxes	11,174,285	260,979	11,435,264	1,436,257	1,404,861	2,841,118	14,276,382	8,868,184
Provision for income taxes	—	269,279	269,279	584,431	240,838	825,269	1,094,548	475,074
Net income after income taxes	11,174,285	Dr. 8,300	11,165,985	851,826	1,164,023	2,015,849	13,181,834	8,393,110

¹ Nordair Ltd. included with Group III carriers for purposes of this report.

TABLE 13. Statement of Income, Canadian Scheduled Carriers — All Services, by Company, Year Ended December 31, 1965

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair Inc.	Trans Air Ltd.	Total	Total 1964
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	209,925,578	57,537,860	2,024,909	5,380,052	3,255,908	1,917,660	280,041,967	237,100,417
Express	5,161,602	326,375	86,733	178,024	467,663	41,897	6,262,294	4,450,941
Freight	13,978,301	4,611,232	823,370	1,131,133	—	266,121	20,810,157	16,871,012
Excess baggage	1,175,774	518,119	27,323	108,802	58,312	13,725	1,902,055	1,666,845
Mail	12,699,240	3,735,779	554,652	625,607	98,469	352,481	18,066,228	16,565,437
Total unit toll transportation	242,940,495	66,729,365	3,516,987	7,423,618	3,880,352	2,591,884	327,082,701	276,654,652
Bulk transportation	6,026,162	4,277,110	1,149,726	4,080,738	77,511	2,375,286	17,986,533	19,232,777
Total transportation	248,966,657	71,006,475	4,666,713	11,504,356	3,957,863	4,967,170	345,069,234	295,887,429
Other flying services	67,739	—	489,784	—	—	3,692	561,215	330,557
Total flying services	249,034,396	71,006,475	5,156,497	11,504,356	3,957,863	4,970,862	345,630,449	296,217,986
Non-flying services	1,091,124	1,170,442	150,227	32,221	161,383	82,851	2,688,248	2,527,754
Total operating revenues	250,125,520	72,176,917	5,306,724	11,536,577	4,119,246	5,053,713	348,318,697	298,745,740
Operating expenses:								
Flying operations	52,000,358	21,402,899	1,803,914	4,136,461	1,023,959	1,817,710	82,185,301	72,681,509
Maintenance	51,597,208	10,936,558	2,186,806	2,578,000	1,232,225	1,396,838	69,927,635	59,043,926
General services and administration:								
Passenger service	19,131,771	5,789,706	190,212	466,747	149,684	188,756	25,916,876	21,330,437
Aircraft and traffic servicing	35,754,226	7,207,316	1,249,605	1,853,801	395,339	237,457	46,697,744	40,997,930
Promotion and sales	36,871,263	13,572,334	118,076	421,113	669,036	491,520	52,143,342	44,721,970
General administration	9,783,056	2,482,776	335,260	698,095	381,100	249,498	13,929,785	12,110,708
Totals	101,540,316	29,052,132	1,893,153	3,439,756	1,595,159	1,167,231	138,687,747	119,161,045
Depreciation and amortization	32,263,097	2,177,719	376,079	400,525	283,436	598,378	36,099,234	31,173,630
Total operating expenses	237,400,979	63,569,308	6,259,952	10,554,742	4,134,779	4,980,157	326,899,917	282,060,110
Operating income (loss)	12,724,541	8,607,609	Dr. 953,228	981,835	Dr. 15,533	73,556	21,418,780	16,685,630
Non-operating income—Net:								
Capital gains and losses	83,746	89,073	570,678	45,085	1,015	170,885	960,482	2,096,086
Interest and discounts	2,591,114	680,920	—	—	—	6,627	3,278,661	2,131,282
Miscellaneous non-operating income	Dr. 111,529	Dr. 167,728	40,685	Dr. 2,425	Dr. 13,491	Dr. 17,233	Dr. 271,721	141,304
Income before interest expense	15,287,872	9,209,874	Dr. 341,865	1,024,495	Dr. 28,009	233,835	25,386,202	21,054,302
Interest expense	11,297,912	2,025,549	347,889	113,293	124,668	41,627	13,950,938	14,477,123
Income before income taxes	3,989,960	7,184,325	Dr. 689,754	911,202	Dr. 152,677	192,208	11,435,264	6,577,179
Provision for income taxes	—	—	—	310,000	—	—	269,279	Cr. 1,400
Net income after income taxes	3,989,960	7,184,325	Dr. 689,754	601,202	Dr. 152,677	232,929	11,165,985	6,578,579

TABLE 14. Operating Expense Analysis, Canadian Group III Carriers, Year Ended December 31, 1965

Expenses	Functional classification						Grand total
	Flying operations	Maintenance			General services and administration	Depreciation and amortization	
		Direct maintenance flight equipment	Direct maintenance ground property and equipment	Maintenance burden			
dollars							
Salaries, wages and personnel expenses:							
General management	—	—	11,693	79,159	761,427	—	852,279
Pilots and co-pilots	3,229,630	—	—	—	—	—	3,229,630
Other flight personnel	329,710	—	—	—	96,771	—	426,481
Maintenance labour	—	1,954,158	90,082	185,376	—	—	2,229,616
Aircraft and traffic handling	—	—	—	—	801,059	—	801,059
Trainees, instructors and unallocated shop labour	141,460	—	—	101,566	44,774	—	287,800
Communications	—	—	—	6,952	100,459	—	107,411
Other personnel	—	—	—	173,821	472,365	—	646,186
Personnel expenses	497,024	—	124	77,900	309,986	—	885,034
Totals	4,197,824	1,954,158	101,899	624,774	2,586,841	—	9,465,496
Materials and supplies:							
Aircraft fuels and oils	3,489,521	—	—	—	—	—	3,489,521
Maintenance materials and supplies	—	1,497,903	125,788	82,712	654	—	1,707,057
Shop and servicing supplies	—	—	285	66,381	13,233	—	79,899
Stationery, printing and office supplies	—	—	—	8,881	121,757	—	130,638
Passenger food expense	—	—	—	—	150,399	—	150,399
Other supplies	63,364	—	631	35,016	48,963	—	147,974
Inventory adjustments	—	—	—	36,291	—	—	36,291
Totals	3,552,885	1,497,903	126,704	229,281	335,006	—	5,741,779
Other expenses:							
Communications purchased	—	—	—	30,821	236,690	—	267,511
Light, heat, power and water	—	—	—	74,492	93,120	—	167,612
Traffic commissions	—	—	—	—	158,722	—	158,722
Professional and technical fees and expenses	—	—	—	784	244,957	—	245,741
Other services — Associated companies	—	—	—	—	45,410	—	45,410
Total repairs and other services — Outside	—	1,884,375	43,833	49,976	223,373	—	2,201,557
Rentals	603,102	—	833	158,046	152,083	—	914,064
Landing fees — Canadian	235,347	—	—	—	—	—	235,347
Foreign		—	—	—	—	—	
Insurance — P.L., P.D. and traffic liability	972,984	—	157	64,640	103,389	—	1,141,170
Employee welfare	181,734	—	—	101,773	108,662	—	392,169
Injuries, loss and damage	11,003	—	—	126	15,607	—	26,736
Advertising and publicity	—	—	—	—	134,999	—	134,999
Interrupted trip expense	—	—	—	—	36,225	—	36,225
Uncollectible accounts	—	—	—	—	108,962	—	108,962
Taxes, other than income and payroll	—	—	71	—	81,076	—	81,147
Other expenses	164,894	—	25	25,057	242,650	—	432,626
Overhaul provisions — Airframes	—	40,415	—	—	—	—	40,415
Aircraft engines	—	264,640	—	—	—	—	264,640
Totals	2,169,064	2,189,430	44,919	505,715	1,985,925	—	6,895,053
Depreciation and amortization:							
Amortization	—	—	—	—	—	9,028	9,028
Depreciation — Flight equipment	—	—	—	—	—	1,915,869	1,915,869
Maintenance equipment and hangars ..	—	—	—	—	—	114,526	114,526
General ground property	—	—	—	—	—	163,253	163,253
Grand totals	9,919,773	5,641,491	273,522	1,359,770	4,907,772	2,202,676	24,305,004

TABLE 15. Operating Expense Analysis, Canadian Group IV Carriers, Year Ended December 31, 1965

Expenses	Functional classification					
	Aircraft operating expenses	Maintenance		General services and administration	Depreciation and amortization	Grand total
		Flight equipment	Ground property and equipment			
dollars						
Salaries, wages, and personnel expenses:						
General management	—	31,080	13,668	783,759	—	828,507
Flight personnel	2,869,254	—	—	36,039	—	2,905,293
Maintenance labour	—	1,253,549	61,948	—	—	1,315,497
Aircraft and traffic handling	—	—	—	124,636	—	124,636
Other personnel	—	16,924	6,100	474,178	—	497,202
Personnel expenses	348,605	43,916	3,027	173,022	—	568,570
Totals	3,217,859	1,345,469	84,743	1,591,634	—	6,239,705
Materials and supplies:						
Aircraft fuel and oils	1,913,864	—	—	—	—	1,913,864
Maintenance materials and supplies	—	1,468,556	163,520	—	—	1,632,076
Other supplies	31,174	63,512	15,134	93,635	—	203,455
Totals	1,945,038	1,532,068	178,654	93,635	—	3,749,395
Other expenses:						
Repairs and other services — Outside	—	1,021,783	69,682	39,487	—	1,130,952
Rentals	1,074,178	43,873	70,931	143,398	—	1,332,380
Insurance — P.L., P.D. and traffic liability	1,016,320	3,533	33,519	71,318	—	1,124,690
Other expenses	265,140	20,344	61,237	1,187,814	—	1,534,535
Depreciation — Flight equipment	—	—	—	—	1,850,336	1,850,336
Ground property and equipment	—	—	—	—	257,765	257,765
Totals	2,355,638	1,089,533	235,369	1,442,017	2,108,101	7,230,658
Grand totals	7,518,535	3,967,070	498,766	3,127,286	2,108,101	17,219,758

TABLE 16. Operating Expense Analysis, Canadian Scheduled Carriers — All services, Year Ended December 31, 1965

No.	Expenses	Functional classifications			
		Flying operations	Maintenance		
			Direct maintenance flight equipment	Direct maintenance ground property and equipment	Maintenance burden
		dollars			
	Salaries, wages and personnel expenses:				
1	Management	—	—	—	1,148,710
2	Pilots and co-pilots	16,576,976	—	—	—
3	Other flight personnel	902,579	—	—	—
4	Maintenance labour	—	13,399,253	1,080,517	2,098,581
5	Aircraft and traffic handling	—	—	—	—
6	Trainees, instructors, unallocated shop labour	740,553	—	—	6,172,826
7	Communications	—	—	—	123,227
8	Other personnel	—	—	—	11,158,123
9	Personnel expenses	1,698,203	—	—	586,580
10	Totals	19,918,311	13,399,253	1,080,517	21,288,047
	Materials and supplies:				
11	Aircraft fuels and oils	37,250,330	—	—	—
12	Maintenance materials and supplies	—	16,143,543	693,040	632,332
13	Shop and servicing supplies	—	—	—	795,810
14	Stationery, printing and office supplies	—	—	—	230,817
15	Passenger food expense	—	—	—	—
16	Other supplies	207,480	—	—	410,980
17	Inventory adjustments	—	—	—	144,303
18	Totals	37,457,810	16,143,543	693,040	2,214,242
	Other expenses:				
19	Communications purchased	—	—	—	216,379
20	Light, heat, power and water	—	—	—	711,942
21	Traffic commissions	—	—	—	—
22	Professional and technical fees and expenses	—	—	—	12,188
23	Other services — Associated companies	—	—	—	169
24	Total repairs and other services — Outside	—	8,026,610	2,079,611	662,589
25	Rentals	5,060,583	—	—	386,284
26	Landing fees — Canadian	10,867,095	—	—	—
27	Foreign				
28	Insurance — P.L., P.D. and traffic liabilities	6,812,239	—	—	186,083
29	Employee welfare	1,765,484	—	—	2,103,380
30	Injuries, loss and damage	258,593	—	—	25,933
31	Advertising and publicity	—	—	—	—
32	Interrupted trip expense	—	—	—	—
33	Uncollectible accounts	—	—	—	—
34	Taxes, other than income and payroll	—	—	—	—
35	Other expenses	45,016	—	—	390,334
36	Overhaul provisions — Airframes	—	Cr. 144,361	—	—
37	Aircraft engines	—	451,831	—	—
38	Totals	24,809,010	8,334,080	2,079,611	4,695,281
	Depreciation and amortization:				
39	Amortization	—	—	—	—
40	Depreciation — Flight equipment	—	—	—	—
41	Maintenance equipment and hangars	—	—	—	—
42	General ground property	—	—	—	—
43	Grand totals	82,185,131	37,876,876	3,853,168	28,197,570

TABLE 16. Operating Expense Analysis, Canadian Scheduled Carriers — All Services, Year Ended December 31, 1965

Functional classification									No.
Passenger servicing	Aircraft and passenger servicing			Promotions and sales		General administration	Depreciation and amortization	Grand total	
	Aircraft servicing	Traffic servicing	Servicing administration	Reservations and sales	Advertising and publicity				
dollars									
23,106	388,299	20,314	397,827	718,020	23,467	1,244,544	—	3,964,287	1
—	—	—	—	—	—	—	—	16,576,976	2
5,978,163	—	—	—	—	—	—	—	6,880,742	3
82,629	—	—	—	—	—	—	—	16,660,980	4
—	12,242,382	8,003,249	2,718,313	11,245,389	—	—	—	34,209,333	5
208,055	360,865	10,909	137,005	355,208	—	—	—	7,985,421	6
—	315,602	—	633,763	502,740	—	51,916	—	1,627,248	7
1,263,319	603,540	320,385	1,560,716	5,727,404	763,649	6,506,684	—	27,903,820	8
1,957,889	324,286	205,223	431,089	1,914,609	146,130	405,343	—	7,669,352	9
9,513,161	14,234,974	8,560,080	5,878,713	20,463,370	933,246	8,208,487	—	123,478,159	10
—	—	—	—	—	—	—	—	37,250,330	11
—	—	—	—	—	—	—	—	17,468,915	12
—	251,031	—	—	—	—	—	—	1,046,841	13
14,722	116,868	221,991	354,877	801,844	94,716	834,734	—	2,670,569	14
10,155,492	—	—	—	—	—	—	—	10,155,492	15
2,579,382	134,486	72,025	453,553	43,358	19,938	8,900	—	3,930,102	16
—	—	—	—	—	—	—	—	144,303	17
12,749,596	502,385	294,016	808,430	845,202	114,654	843,634	—	72,666,552	18
15,376	508,400	436,080	1,133,740	3,625,124	21,042	193,356	—	6,149,497	19
312	64,776	74,429	122,225	124,805	1,090	45,522	—	1,145,101	20
—	—	—	—	10,712,683	—	—	—	10,712,683	21
8,648	37,341	2,436	5,109	130,346	—	395,959	—	592,027	22
—	4,127	1,774,775	20	416,134	5,146	310,644	—	2,511,015	23
280,842	2,924,364	2,387,866	936,524	335,126	87,049	101,082	—	17,821,663	24
166,945	542,728	1,427,413	774,134	1,863,651	41,894	862,078	—	11,125,710	25
—	—	—	—	—	—	—	—	10,867,095	26
—	—	—	—	—	—	—	—	8,762,115	27
1,463,561	10,639	65,183	1,542	2,988	—	219,880	—	7,650,047	28
426,297	844,984	479,711	336,220	1,190,195	48,415	455,361	—	656,323	29
114,960	42,812	134,702	44,206	29,203	Cr. 212	6,126	—	10,657,809	30
—	—	—	—	162,539	10,495,270	—	—	995,454	31
995,454	—	—	—	—	—	—	—	489,617	32
—	—	—	—	—	—	489,617	—	1,402,570	33
—	—	—	—	—	—	1,402,570	—	2,809,584	34
181,724	167,817	890,544	244,298	458,090	36,292	395,469	—	144,361	35
—	—	—	—	—	—	—	—	Cr. 451,831	36
—	—	—	—	—	—	—	—	94,655,780	37
3,654,119	5,147,988	7,673,139	3,598,018	19,050,884	10,735,986	4,877,664	—	326,899,725	38
—	—	—	—	—	—	—	490,590	490,590	39
—	—	—	—	—	—	—	29,595,272	29,595,272	40
—	—	—	—	—	—	—	2,777,301	2,777,301	41
—	—	—	—	—	—	—	3,236,071	3,236,071	42
25,916,876	19,885,347	16,527,235	10,285,161	40,359,456	11,783,886	13,929,785	36,099,234	326,899,725	43

TABLE 17. Specialty Flying Services, Canadian Carriers — Groups I to IV, by Type of Service, 1965

	1965						1964 total	
	Fixed-wing		Helicopters		Total			
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned
Type of service:	No.	\$	No.	\$	No.	\$	No.	\$
Aerial advertising	27	2,943	1,046	76,037	1,073	78,980	673	48,091
Aerial fish cultivation	11	2,133	—	—	11	2,133	10	1,077
Aerial patrol and inspection.....	12,076	1,339,194	8,802	1,125,833	20,878	2,465,027	17,914	1,848,905
Aerial pest control	3,136	611,013	20	10,002	3,156	621,015	5,519	720,070
Aerial photography and survey	6,827	1,009,016	2,285	159,539	9,112	1,168,555	5,785	610,677
Aerial photography (excl. survey).....	966	39,610	1,098	102,842	2,064	142,452	2,972	385,513
Aircraft rental	1,136	19,682	—	—	1,136	19,682	858	22,177
Flying training	57,169	972,450	675	39,942	57,844	1,012,392	35,145	668,133
Geophysical survey	8,084	846,460	5,326	594,007	13,410	1,440,467	13,757	1,413,497
Non-transportation charter	815	199,466	—	178	815	199,644	1,139	95,987
Recreational flying	15,282	330,399	991	70,603	16,273	401,002	12,238	282,003
Specialty flying — Other	48	3,596	649	53,928	697	57,524	929	242,384
Totals	105,577	5,375,962	20,892	2,232,911	126,469	7,608,873	96,939	6,338,514

TABLE 18. Statistical Summary of Canadian Carriers Operating Helicopters, Groups I to IV, 1965¹

	1965			1964 total
	Carriers operating helicopters only	Carriers operating helicopters and fixed-wing	Total	
Carriers reporting	No.	16	6	21
Helicopters — Owned	"	153	22	156
Leased	"	25	3	19
Totals	"	178	25	175
Revenue hours flown — Unit toll	"	43	43	—
Bulk	"	82,891	3,837	86,728
Specialty	"	10,665	10,227	20,892
Totals	"	93,599	14,064	107,663
Non-revenue hours flown	"	5,350	554	5,904
Fuel and oil consumed:				
Gasoline	gal.	1,674,915	126,673	1,801,588
Cost	\$	765,274	60,784	826,058
Oil	gal.	30,454	1,986	32,440
Cost	\$	53,908	3,015	56,923
Average number of employees:				
Pilots	No.	179	13	192
Administrative	"	65	1	66
Maintenance labour	"	164	8	172
Other personnel	"	10	—	10
Totals	"	418	22	440
Salaries and wages:				
Pilots	\$	1,759,766	115,154	1,874,920
Administrative	\$	495,313	11,500	506,813
Maintenance labour	\$	1,084,972	57,088	1,142,060
Other personnel	\$	34,399	—	34,399
Totals	\$	3,374,450	183,742	3,558,192

Balance sheet²

Assets:		Liabilities:	
Current assets:		Current liabilities:	
Cash	1,049,898	Notes and accounts payable	2,032,718
Accounts receivable	2,391,533	Current portion of long term debt	363,868
Less: reserve for uncollectible accounts	86,845	Accrued taxes	151,841
Materials and supplies	812,309	Other and accrued liabilities	246,172
Short term prepayments	235,914	Total current liabilities	2,794,599
Other current assets	78,894	Non-current liabilities:	
Total current assets	4,481,703	Long term debt	3,127,195
Investments	736,054	Other non-current liabilities	1,255,855
Property and equipment:		Total non-current liabilities	4,383,050
Operating	12,947,766	Deferred credits	—
Less: accumulated depreciation	5,902,795	Reserves	—
Non-operating	31,474	Capital stock and surplus:	
Less: accumulated depreciation	8,924	Capital stock issued and outstanding:	
Deferred charges:		Preferred	1,130,362
Long term prepayments	120,422	Common	1,098,880
Other deferred charges	211,823	Other paid-in capital	620,255
Total deferred charges	332,245	Unappropriated surplus	2,590,377
Total assets	12,617,523	Total capital stock and surplus	5,439,874
		Total liabilities	12,617,523

¹ Statement of income for helicopter only carriers available on request.² Carriers operating helicopters only.

TABLE 19. Aircraft Owned and Leased, Canadian Carriers, by Category of Aircraft and Weight Group, as at January 15, 1966

	Groups I and II ¹		Group III ¹		Group IV		Group V		Total	
	Owned	Leased	Owned	Leased	Owned	Leased	Owned	Leased	Owned	Leased
	number									
Carriers reporting	6		18		59		313		396	
Helicopters	1	2	103	3	91	17	18	4	213	26
Turbo jets	17	6	—	—	—	—	—	—	17	6
Turbo props:										
300,001 lbs. and over	—	—	—	—	—	—	—	—	—	—
150,001-300,000 lbs.	—	2	—	—	—	—	—	—	—	2
100,001-150,000 "	23	—	—	—	—	—	—	—	23	—
50,001-100,000 "	40	—	—	—	1	—	—	—	41	—
50,000 lbs. and under	6	—	—	—	1	—	1	—	8	—
Total turbo props	69	2	—	—	2	—	1	—	72	2
Piston engined:										
Four engines:										
130,001 lbs. and over	2	1	3	—	—	—	2	—	7	1
100,001-130,000 lbs.	6	1	1	—	—	—	—	—	7	1
70,001-100,000 "	11	—	3	1	—	—	—	—	14	1
50,001-70,000 "	—	—	1	—	—	—	—	—	1	—
50,000 lbs. and under	—	—	—	—	—	—	—	—	—	—
Total four engines	19	2	8	1	—	—	2	—	29	3
One or two engines:										
40,001 lbs. and over	4	—	4	3	—	—	—	—	8	3
25,001-40,000 lbs.	24	9	27	4	7	—	4	—	62	13
20,001-25,000 "	—	—	—	—	—	—	1	—	1	—
15,001-20,000 "	—	—	20	—	1	2	1	—	22	2
10,001-15,000 "	1	—	3	—	5	—	5	—	14	—
7,501-10,000 "	15	4	41	2	58	5	20	6	134	17
5,001-7,500 "	24	—	55	—	56	10	78	7	213	17
4,001-5,000 "	1	2	9	—	12	7	12	1	34	10
3,001-4,000 "	1	2	14	—	32	4	72	17	119	23
2,001-3,000 "	—	2	46	7	143	22	318	51	507	82
2,000 lbs. and under	—	4	11	—	74	10	320	43	405	57
Total one or two engines	70	23	230	16	388	60	831	125	1,519	224
Grand totals	176	35	341	20	481	77	852	129	1,850	261

¹ Nordair Ltd. included with Group III carriers for purposes of this report.TABLE 20. Accidents to Aircraft of Canadian Registry, Apparent Cause by type of Operation, 1965¹

Type of operation	Apparent cause of accidents												
	Personnel			Material failure					Weather	Landing surface	Miscellaneous	Un-determined	Grand total
	Errors of pilots	Errors of other personnel or crew members	Total	Power plant	Air frame	Landing gear	Equipment and accessories	Total					
	number												
Commercial operations:													
Scheduled:													
Domestic	—	1	1	—	1	—	—	1	—	—	1	—	3
International	—	—	—	—	—	—	—	—	—	—	—	—	—
Non-scheduled:													
Domestic	39	3	42	5	2	1	—	8	3	1	2	5	61
International	4	—	4	1	—	1	—	2	—	—	1	—	7
Contract	1	—	1	—	—	—	—	—	—	—	—	—	1
Specialty:													
Flying training	16	—	16	3	—	—	—	3	—	—	—	2	21
Recreational flying	22	—	22	2	—	—	—	2	—	—	—	—	24
Aerial photography and survey	2	—	2	1	—	—	—	1	—	—	—	—	3
Aerial patrol and inspection	4	—	4	2	1	—	—	3	—	—	—	1	8
Aerial pest control	8	—	8	—	—	—	—	—	1	—	—	—	9
Geophysical survey	1	—	1	1	—	—	—	1	—	—	—	—	2
Forest fire protection	2	—	2	—	—	—	—	—	—	—	—	—	2
Other	1	—	1	—	—	1	—	1	—	—	—	—	2
Total commercial operations	100	4	104	15	4	3	—	22	4	1	4	8	143
Non-commercial operations:													
Flying clubs:													
Flying training	13	1	14	—	—	1	—	1	2	—	—	—	17
Recreational flying	14	—	14	1	—	—	—	1	—	1	1	—	17
Private:													
Company business	12	2	14	2	1	—	—	3	—	—	—	2	19
Test	3	—	3	—	—	—	—	—	—	—	—	—	3
Training-check	8	—	8	1	—	—	—	1	—	—	—	1	10
Recreational flying	91	5	96	7	—	5	—	12	2	2	1	2	115
Aerial pest control	6	—	6	—	—	—	—	—	—	—	—	—	6
Other	5	—	5	—	—	—	—	—	—	—	—	1	6
Miscellaneous: ²													
Ferry	—	—	—	—	1	—	—	1	1	—	—	—	2
Positioning	3	—	3	—	—	—	—	—	—	—	—	—	3
State	5	—	5	—	—	—	—	—	1	—	1	—	7
Missing enroute	—	—	—	—	—	—	—	—	—	—	—	—	—
Total non-commercial operations	160	8	168	11	2	6	—	19	6	3	3	6	205
Grand total all operations	260	12	272	26	6	9	—	41	10	4	7	14	348

¹ As reported by Civil Aviation Branch, Department of Transport.² Includes accident occurring during non-revenue flights of commercial aircraft.

TABLE 21. Accidents to Aircraft of Canadian Registry, Casualties by General Type of Operation, 1964-65¹

Accidents and casualties	General type of operations					
	Commercial		Non-commercial ²		Total	
	1965	1964 ^r	1965	1964 ^r	1965	1964 ^r
Total accidents	143	107	205	161	348	268
Fatal accidents	18	16	30	29	48	45
Casualties:						
Pilot:						
Killed	14	10	28	28	42	38
Seriously injured	10	12	23	20	33	32
Co-pilot:						
Killed	2	—	2	—	4	—
Seriously injured	1	1	1	2	2	3
Flight engineer:						
Killed	2	—	—	—	2	—
Seriously injured	—	—	—	—	—	—
Cabin attendant:						
Killed	4	—	—	—	4	—
Seriously injured	—	—	—	—	—	—
Other crew:						
Killed	—	1	1	—	1	1
Seriously injured	—	2	—	1	—	3
Passengers:						
Killed	58	16	17	22	75	38
Seriously injured	12	18	19	10	31	28
Third party:						
Killed	1	1	1	—	2	1
Seriously injured	1	1	—	—	1	1
Totals:						
Killed	81	28	49	50	130	78
Seriously injured	24	34	43	33	67	67

¹ As reported by Civil Aviation Branch, Department of Transport.² Includes flying clubs, private and state flying as well as non-revenue flights of commercial aircraft.TABLE 22. Personnel and Airport Licenses Issued and Aircraft Registered as of December 31, 1965¹

Personnel	In force December 31, 1965	In force December 31, 1964 ²	Aircraft registered	Total December 31, 1965	Total December 31, 1964
	number			number	
Pilots:			Commercial	2,073	1,949
Glider	823	763	Private	4,990	4,544
Private	16,831	16,159	State	200	200
Commercial	2,835	2,575	Commercial (restricted)	64	62
Senior commercial	359	317	Ultra light	181	152
Airline transport	1,533	1,387	Experimental	21	12
			Private (restricted)	13	14
Totals	22,381	21,201	Totals	7,542	6,933
Air navigators	128	98	Airports		
Air traffic controllers	782	792		In force December 31, 1965	In force December 31, 1964 ²
Flight engineers	59	36			
Aircraft maintenance engineers	2,369	2,277	Number of airports	698	685

¹ As reported by Civil Aviation Branch, Department of Transport.

CIVIL AVIATION DEFINITIONS

Bulk transportation	(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4). (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Cargo, Air	Air freight and air express (excluding mail and excess baggage).
Carrier, Air	One authorized to operate aircraft in or over Canada for hire or reward.
Carrier, non-scheduled	Carriers not operating any scheduled (Class 1) service.
Carrier, scheduled	Carriers serving designated points in accordance with a service schedule and at a toll per unit.
Express, Air	A package service operated only within the U.S.A. and Canada; the rates cover door-to-door service. Because Air Express shipments take priority over Air Freight they command higher rates.
Freedoms of the air:	
First freedom	The privilege to fly over the territory of a foreign country without landing.
Second freedom	The privilege to land on the territory of a foreign country for non-traffic purposes.
Third freedom	The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
Fourth freedom	The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
Fifth freedom	The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.
Freight, Air	Articles carried on unit toll flights at standard per pound rates or as bulk transportation.
Goods, revenue	Air cargo (freight and express) plus mail and excess baggage.
Group I carriers	Canadian Air Carriers licensed to perform both domestic and international scheduled services. (Air Canada and Canadian Pacific Air Lines Ltd.).
Group II carriers	Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.
Group III carriers	Canadian Air Carriers, licensed to perform non-scheduled services, with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
Group IV carriers	Canadian Air Carriers, licensed to perform non-scheduled services, with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
Group V carriers	Canadian Air Carriers, licensed to perform non-scheduled services, with gross annual flying revenues of less than \$100,000.
Interline traffic:	
Divisional interline	Passengers and goods received from other operating divisions of the same carrier.
Domestic interline	Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
Foreign interline	Passengers and goods received by a carrier from Foreign Air Carriers.
International Services:	
Pacific and Orient Services	Services between Canada and points in the Pacific Ocean, Orient and Australasia.
Southern Services	Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
Trans-Atlantic and Polar Services	Services between Canada and Europe.
Trans-border Services	Services between Canada and the United States except Hawaii.
Load capacity available	Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.
Miles	Statute miles of 5,280 ft.
Passenger	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.
Non-revenue passenger	A person (including company personnel other than crew) carried on a revenue transportation flight for whom no fare is collected.
Revenue passenger	A child or adult for whom a fare or part of a fare is paid.
Passenger load-factor	Ratio of revenue passenger-miles performed to available seat-miles.
Passenger-mile	The transportation of one passenger one mile.

CIVIL AVIATION DEFINITIONS — Concluded

Seat-miles available:	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.
Specialty Flying Services:	Non-transportation-flying services such as flying training, aerial photography, and aerial inspection.
Tons	Short tons of 2,000 lbs.
Ton-miles	The transportation of one ton of goods one mile or any combination of weight in pounds and number of miles flown the product of which is 2,000.
Ton-miles available	Available load capacity multiplied by miles flown on each inter-station flight.
Unit toll transportation	Public transportation of passengers and goods at a toll per unit. It includes: (i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and (ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
Weight load factor	Ratio of revenue ton-miles performed to available ton-miles.

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CIVIL AVIATION

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CHART-A

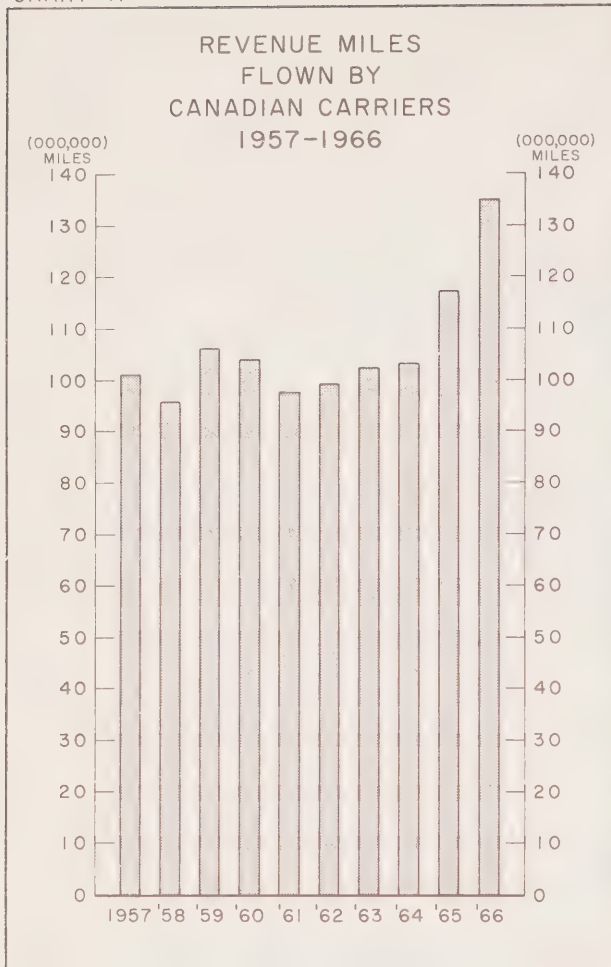
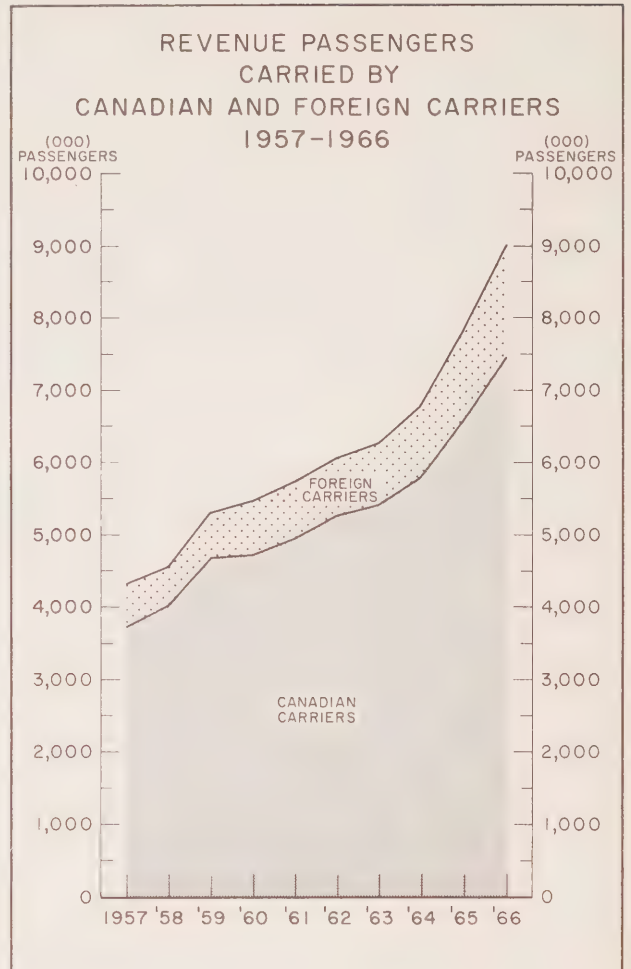


CHART-B



CIVIL AVIATION

1966

The figures presented in this publication cover the operating and financial data submitted by Canadian carriers and reporting foreign air carriers doing business within Canada or between Canada and other countries. Statistics of Canadian airlines include both their domestic and international flights while figures for foreign companies cover their hours and miles flown over Canadian territory only. Passengers and goods in transit through Canada are not included. Because the coverage given to Canadian airlines differs from that given to foreign airlines the statistics shown under similar headings are not directly comparable.

In this report, Canadian air carriers have been divided into five groups based on gross annual flying revenues and the type of service (scheduled or non-scheduled) performed. Definitions of these groups and of other terms used are given on the last two pages of the publication. The number of Canadian carriers which submitted annual reports for 1966 in each group is as follows:

Group I	2
Group II	4
Group III	25
Group IV	66
Group V	302
Total	399

The total number of air carriers reporting varies slightly from year to year, chiefly because of entries, withdrawals and amalgamations of small air carriers. Changes in the number of small firms are of little significance in the total figures for all categories but there can be significant changes within groups and from one group to another depending upon the activities of individual companies. These changes tend to produce distortions in comparisons of specific groups over a period of years.

Because Nordair Ltd. did not operate scheduled routes during 1966, it is included in Group III for statistical purposes, even though it is comparable in gross revenue to the carriers in Group II.

Since Group V carriers file reports on a quarterly basis only, data on their operations are not available for monthly publication but are shown in a special table in the monthly report for March, June, September and December. This Group V information is not included in totals for all carriers shown in other tables throughout the report. To be consistent with the monthly publications this practice has been continued in the annual report. Although they are by far the largest group in terms of numbers, the Group V carriers are not signi-

ficant in terms of revenue; their reported operating revenues usually amount to less than 4 per cent of the total operating revenues of all Canadian carriers.

Domestic operations are shown separately from international operations of Canadian carriers only in Table 5 which classifies certain statistics by area of service.

Wherever it is practical to do so, figures for services sold on a unit toll basis are subdivided into scheduled operations and non-scheduled operations. However, a complete breakdown is not possible because some air carriers offer both types of service on the same route. In such cases the route is designated scheduled or non-scheduled according to the type of service which predominates.

Financial statistics of Canadian carriers which are shown in Tables 8 to 16 are collected and compiled according to definitions and procedures outlined in a set of manuals entitled "Uniform System of Accounts and Reports for Commercial Air Carriers".

Review of 1966 Operations

During the year under review, Canadian air carriers transported 7,461,687 revenue passengers, for all services showing an increase of 13.6 per cent over 1965, and 50.7 per cent over 1961. Weight of revenue goods carried rose to 178,550 tons or 16.6 per cent above 1965 and 56.6 per cent over 1961 levels. Revenue hours flown, reached 940,434 an increase of 20.3 per cent over the same period in 1965. The number of revenue miles flown climbed to 135,058,819 an increase of 15.2 per cent over 1965.

Hours flown on unit toll services showed an increase of 12.3 per cent over 1965. A growth of 17.5 per cent was recorded for hours flown on bulk transportation services and 48.4 per cent for specialty flying hours. Weight of cargo and excess baggage carried on unit toll services totalled 90,627 tons, up 23.3 per cent over 1965, while freight carried on bulk transportation services was 16.4 per cent higher at 63,413 tons. Mail carried decreased by 2.9 per cent in weight to 24,510 tons. The number of passengers carried on unit toll flights advanced to 6,737,425, an increase of 13.4 per cent, while bulk transportation services with an increase of 14.7 per cent, added 724,262 passengers to the total.

Revenue miles flown on unit toll services rose 16.0 per cent to 100,158,972 while passenger-miles at 5,606,619,064 showed an increase of 18.5 per cent and goods ton-miles at 136,407,589 were up 24.0 per cent above 1965 levels.

The six scheduled carriers transported 13.4 per cent more passengers and 16.6 per cent more goods in terms of weight than in 1965. While their share of passengers carried shifted slightly to 90.5 per cent from 90.6 per cent, the weight of goods carried by scheduled carriers in 1966 remained the same at 69.4 per cent of the total. In 1966 the scheduled carriers transported 6,754,438 passengers and 123,860 tons of goods: in 1965 they reported carrying 5,954,952 passengers and 106,245 tons of goods.

During 1966, foreign airlines licensed to operate in Canada carried into and out of this country a total of 1,562,004 revenue passengers and 28,577 tons of revenue goods, indicating increases of 23.2 per cent and 43.7 per cent respectively over the 1965 totals of 1,268,090 passengers and 19,892 tons.

Operating revenues and expenses of Canadian carriers showed almost parallel growth as they climbed to record heights. Revenues increased by 17.3 per cent to \$460,739,579 while expenses rose by 17.2 per cent to \$431,382,156. The resultant operating income of \$29,357,423 was 19.3 per cent higher than the 1965 figure. Net profit after taxes was \$13,866,452 or 5.2 per cent higher than in 1965.

At year end, total assets of Canadian carriers were valued at \$449,441,831 or \$51,995,478 higher than at December 31, 1965.

Helicopters

Carriers operating helicopters exclusively logged 113,848 revenue hours, an increase of 19.9 per cent over 1965. These operations accounted for 88.2 per cent of the total number of hours flown by all helicopters. The helicopter share of the total number of hours flown in revenue services by all types of aircraft amounted to 13.7 per cent while the helicopter carriers' share of total assets of all Canadian carriers amounted to 3.2 per cent.

Accidents

In 1966 there were 422 reported accidents involving aircraft of Canadian registry. Of these 179 or 42.4 per cent occurred during commercial operations. Of the total, 318 or 75.4 per cent were attributed to pilot error. Total accidents increased by 21.3 per cent over the previous year. Of this number, fatal accidents were up by 31.5 per cent. Of the 171 fatal accidents reported 125 were attributed to commercial operations.

SYMBOLS

The following standard symbols are used in Dominion Bureau of Statistics publications:

- . . Figures not available.
- . . . figures not appropriate or not applicable.
- nil or zero.
- - amount too small to be expressed.
- P preliminary figures.
- r revised figures.

CHART-C

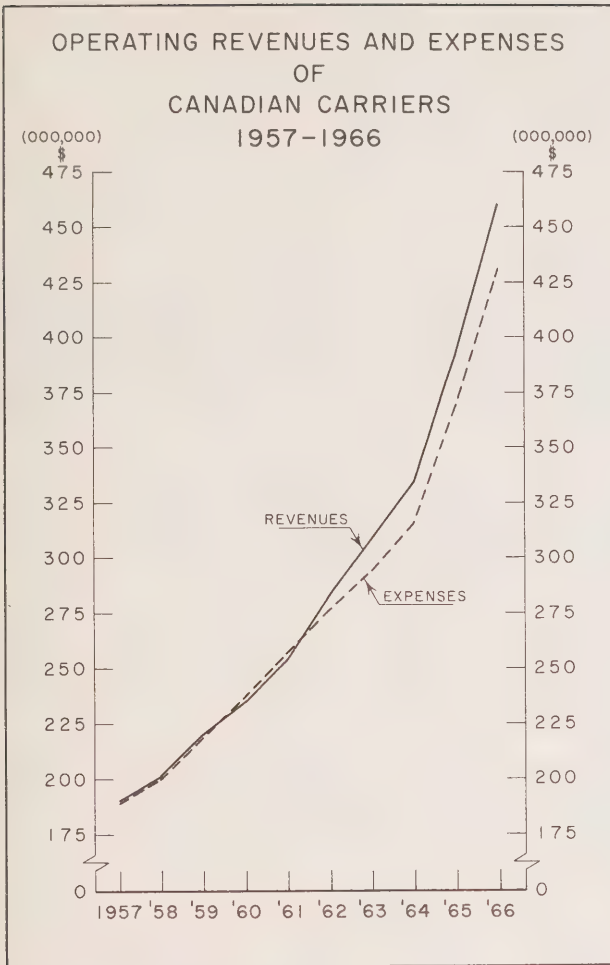


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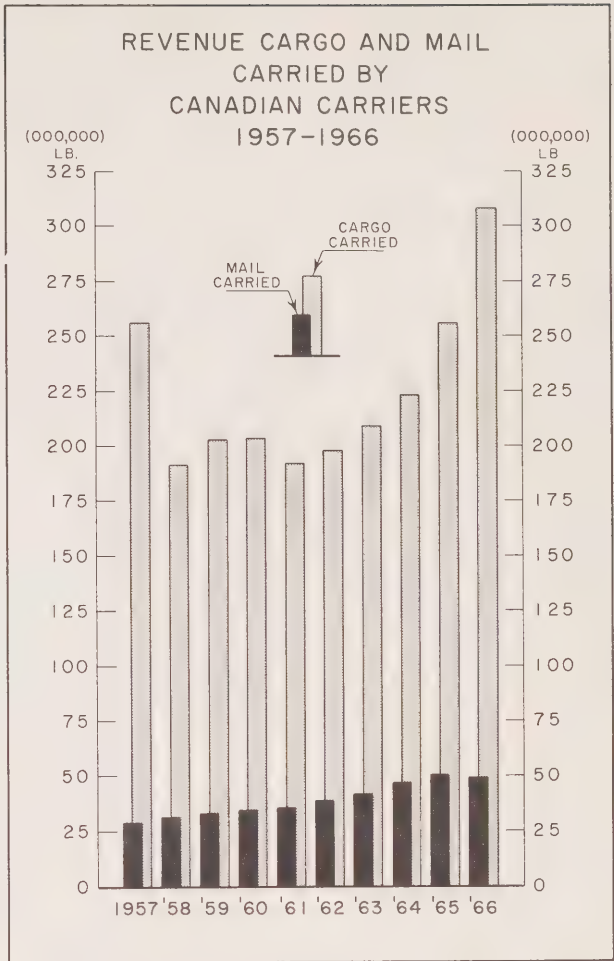


TABLE 1. Statistical Summary of Canadian Civil Aviation, Groups I to IV Carriers 1961 - 66

	1966	1965	1964	1963	1962	1961
Canadian carriers						
Revenue operations						
Unit toll services:						
Hours flown	No. 376,783	335,379	300,798	298,655	312,395	327,555
Miles flown	" 100,158,972	86,334,027	76,404,782	75,746,629	76,040,318	76,008,312
Passengers carried	" 6,737,425	5,939,267	5,197,579	4,864,855	4,792,409	4,543,009
Cargo and excess baggage carried	lb. 181,254,830	147,004,678	117,497,668	99,063,385	93,064,818	80,823,898
Mail carried	" 49,019,825	50,440,235	46,804,224	41,892,927	38,430,775	35,749,456
Passenger-miles	No. 5,606,619,064	4,731,304,865	3,939,075,129	3,623,020,400	3,463,727,291	3,157,518,367
Cargo and excess baggage ton-miles	" 111,563,285	88,228,205	69,038,182	53,618,163	45,427,320	38,504,034
Mail ton-miles	" 24,844,304	21,772,396	18,952,877	17,530,240	15,289,672	14,094,209
Bulk services:						
Hours flown	" 376,017	319,926	263,541	250,988	230,525	228,049
Miles flown	" 34,899,847	30,903,936	27,046,832	26,818,278	23,277,049	21,569,202
Passengers carried	" 724,262	631,182	584,509	562,489	476,390	407,888
Freight carried	lb. 126,826,164	108,947,834	106,124,248	110,102,115	105,082,430	111,504,022
Passenger-miles	No. 376,714,577	464,825,765	469,804,322	"	"	"
Goods ton-miles	" 11,461,634	13,507,018	17,839,881	"	"	"
Other flying services (specialty):						
Hours flown	" 187,634	126,469	97,169	80,930	83,382	75,808
Total, all services: ¹						
Hours flown ¹	" 940,434	781,774	661,508	630,573	626,302	631,412
Miles flown	" 135,058,819	117,237,963	103,451,614	102,564,907	99,317,367	97,577,514
Passengers carried	" 7,461,687	6,570,449	5,782,088	5,427,344	5,268,799	4,950,597
Cargo and excess baggage carried	lb. 308,080,994	255,952,512	223,621,916	209,165,500	196,776,738	192,327,920
Goods carried ²	" 357,100,819	306,392,747	270,426,140	251,058,427	236,578,023	228,077,376
Passenger-miles	No. 5,983,333,641	5,196,130,630	4,408,882,451	"	"	"
Goods ton-miles	" 147,869,223	123,507,619	105,830,940	"	"	"
Non-revenue operations						
Hours flown	" 42,691	29,898	21,363	21,738	25,882	28,863
Passengers carried	" 40,808	38,336	36,026	"	"	"
Goods carried ²	lb. 3,420,766	3,353,674	3,196,432	"	"	"
Passenger-miles	No. 254,032,603	224,745,710	207,986,297	203,399,987	176,277,219	148,517,121
Goods ton-miles	" 8,649,711	7,995,872	65,888,655	6,601,370	6,449,798	5,965,235
Selected revenue and expense items:						
Fuel	gal. 292,926,470	249,336,707	218,042,305	207,490,519	191,343,196	175,201,010
Cost	\$ 47,041,340	40,536,285	36,169,043	34,939,058	31,993,476	31,029,209
Oil	gal. 457,607	395,347	343,128	405,999	310,015	475,994
Cost	\$ 1,015,553	895,341	822,091	793,547	765,871	776,583
Average number of employees	No. 21,440	19,007	17,795	17,577	17,810	17,700
Salaries and wages paid	\$ 151,137,835	129,774,695	116,465,350	108,538,372	105,636,970	102,200,745
Operating revenues	\$ 460,739,579	392,806,566	334,930,874	308,835,913	284,618,321	254,873,901
Operating expenses	\$ 431,382,156	368,207,884	315,569,629	294,142,170	277,333,944	257,445,532
Operating income (loss)	\$ 29,357,423	24,598,682	19,361,245	14,693,743	7,284,377	Dr. 2,571,631
Net income or deficit after income taxes	\$ 13,866,452	13,181,834	8,393,110	1,390,060	Dr. 4,597,327	Dr. 13,146,423
Canadian and foreign carriers ³						
Revenue operations						
Hours flown (all services)	No. 963,067	301,129	679,784	646,956	642,284	649,107
Miles flown (transportation services)	" 143,589,016	124,448,003	110,138,322	108,282,021	104,851,093	103,335,386
Passengers carried (transportation services)	" 9,023,691	7,838,539	6,774,652	6,278,298	6,064,074	5,740,577
Cargo and excess baggage carried (transportation services)	lb. 359,719,124	291,499,029	250,789,269	229,636,108	218,487,619	211,044,506
Mail carried (transportation services)	" 53,929,067	54,677,855	50,705,488	45,210,723	41,596,384	39,024,564
Passenger-miles (unit toll transportation)	No. 6,025,992,516	5,065,493,215	4,200,293,067	3,832,248,493	3,666,655,321	3,352,704,994
Cargo and excess baggage (unit toll transportation) ton-miles	" 124,594,946	97,177,466	93,748,160	58,747,717	50,045,948	42,476,457
Mail ton-miles (unit toll transportation)	" 25,887,527	22,735,329	19,897,070	18,302,847	15,995,107	14,856,343

¹ All services excludes Other flying services except for number of hours flown.² Cargo, excess baggage and mail.³ See introduction, page 5. (Statistics of Canadian airlines include both domestic and international flights while figures for foreign carriers cover hours and miles flown over Canadian Territories only).

TABLE 2. Operating Statistics, Canadian Carriers, Group I to IV and Foreign Carriers, 1966

		Canadian carriers ¹				Foreign carriers ¹		Grand total all carriers	
		Scheduled carriers	Non-scheduled carriers			Total Canadian carriers	United States carriers		Other foreign carriers ³
			Group I and II	Group III ²	Group IV					Total
Number of carriers reporting		6	25	66	91	97	10	11	118
Revenue operations									
Unit toll services:									
Departures	No.	249,798	32,940	17,426	50,366	300,164	—	—	398,291
Hours flown	"	335,369	33,605	7,809	41,414	376,783	4,164	17,344	398,291
Miles scheduled	"	90,765,627	—	—	—	90,765,627	1,202,255	6,985,043	98,952,925
Miles flown: ⁴									
Scheduled services	"	92,480,598	—	—	—	92,480,598	1,160,777	6,959,615	100,600,990
Non-scheduled services	"	2,542,473	4,196,104	939,797	5,135,901	7,678,374	—	—	7,678,374
Totals	"	95,023,071	4,196,104	939,797	5,135,901	100,158,972	1,160,777	6,959,615	108,279,364
Passengers carried	"	6,591,827	117,695	27,903	145,598	6,737,425	1,050,885	475,179	8,263,489
Goods carried:									
Cargo	lb.	170,064,076	7,988,981	1,319,819	9,308,800	179,372,876	16,570,168	35,597,446	233,422,444
Excess baggage ⁵	"	1,275,287	535,798	70,869	606,667	1,881,954	—	—	1,881,954
Mail	"	46,991,910	1,789,551	238,364	2,027,915	49,019,825	2,528,299	2,380,943	539,929,067
Totals	"	218,331,273	10,314,330	1,629,052	11,943,382	230,274,655	19,098,467	37,978,389	287,351,511
Passenger-miles	No.	5,582,403,847	21,796,740	2,418,477	24,215,217	5,606,619,064	45,236,666	374,136,786	6,025,992,516
Goods ton-miles:									
Cargo	"	108,033,257	2,404,167	304,041	2,708,208	110,741,465	387,842	12,643,819	124,594,946
Excess baggage	"	715,799	82,532	23,489	106,021	821,820	—	—	821,820
Mail	"	24,325,727	499,857	18,720	518,577	24,844,304	53,389	989,834	25,887,527
Totals	"	133,074,783	2,986,556	346,250	3,332,806	136,407,589	441,231	13,633,653	150,482,473
Bulk services:									
Departures	"	25,829	111,581	183,361	294,942	320,771	—	—	320,771
Hours flown	"	35,862	172,579	167,576	340,155	376,017	43	1,082	377,142
Miles flown	"	6,454,831	12,844,007	15,601,009	28,445,016	34,899,847	7,638	402,167	35,309,652
Passengers carried	"	162,611	207,170	294,481	561,651	724,262	3,497	32,443	760,202
Freight carried	lb.	29,389,123	62,175,281	35,261,760	97,437,041	126,826,164	—	77,183	126,903,347
Passenger-miles	No.	288,298,780	83,840,725	4,575,072	88,415,797	376,714,577	—	—	376,714,577
Goods ton-miles	"	5,036,147	6,064,196	361,291	6,425,487	11,461,634	—	—	11,461,634
Other flying services (specialty):									
Hours flown	"	3,180	51,976	132,478	184,454	187,634	—	—	187,634
Total — All services: ⁶									
Departures	"	275,627	144,521	200,787	345,308	620,935	—	—	620,935
Hours flown	"	374,411	258,160	307,863	566,023	940,434	4,207	18,426	963,067
Miles flown	"	101,477,902	17,040,111	16,540,806	33,580,917	135,058,819	1,168,415	7,361,782	143,589,016
Passengers carried	"	6,754,438	384,865	322,384	707,249	7,461,687	1,054,382	507,622	9,023,691
Cargo carried ⁷	lb.	199,453,199	70,164,262	36,581,579	106,745,841	308,080,994	16,570,168	35,674,629	360,325,791
Goods carried ⁷	"	247,720,396	72,489,611	36,890,812	109,380,423	357,100,819	19,098,467	38,055,572	414,254,858
Passenger-miles	No.	5,870,702,627	105,637,465	6,993,549	112,631,014	5,983,333,641	—	—	5,983,333,641
Goods ton-miles	"	138,110,930	9,050,752	707,541	9,758,293	147,869,223	—	—	147,869,223
Non revenue operations									
Hours flown	"	18,567	14,711	9,413	24,124	42,691	35	36	42,762
Passengers carried ⁵	"	38,982	1,408	418	1,826	40,808	15,283	8,909	65,000
Goods carried ⁵	lb.	2,863,736	491,222	65,808	557,030	3,420,766	279,858	1,081,460	4,782,084
Passenger-miles	No.	252,162,863	1,869,740	—	1,869,740	254,032,603	656,931	6,658,578	261,348,112
Goods ton-miles	"	7,994,627	655,084	—	655,084	8,649,711	597	374,647	9,024,955
Selected revenue and expense items:									
Turbo fuel:									
Quantity	gal.	259,561,974	2,530,540	357,945	2,888,485	262,450,459	4,510,627	49,186,620	316,147,706
Cost	\$	35,182,610	585,967	24,678	610,645	35,793,255	737,714	7,560,426	44,091,395
Gasoline:									
Quantity	gal.	16,563,015	9,571,432	4,341,564	13,912,996	30,476,011	16,694	158,562	30,651,267
Cost	\$	5,342,672	3,916,703	1,988,710	5,905,413	11,248,085	8,291	53,973	11,310,349
Oil consumed:									
Turbo aircraft:									
Quantity	gal.	67,692	15	1,540	1,555	69,247	875	2,496	72,618
Cost	\$	491,054	270	3,656	3,926	494,980	4,827	23,894	523,701
Other aircraft:									
Quantity	gal.	191,304	132,491	64,565	197,056	388,360	1	214	388,575
Cost	\$	218,654	191,208	110,711	301,919	520,573	4	254	520,831
Average number of employees:									
Pilots and co-pilots	No.	1,315	481	395	876	2,191	—	—	2,191
Other flight personnel	"	1,482	40	41	81	1,563	—	—	1,563
General management	"	339	131	129	260	599	—	—	599
Maintenance labour	"	4,034	538	323	861	4,895	—	—	4,895
Aircraft and traffic servicing	"	6,208	169	71	240	6,448	—	—	6,448
Other personnel	"	5,258	218	268	486	5,744	—	—	5,744
Totals	"	18,636	1,577	1,227	2,804	21,440	327	711	22,478
Salaries and wages paid:									
Pilots and co-pilots	\$	19,184,608	4,843,823	3,148,063	7,991,886	27,176,494	—	—	27,176,494
Other flight personnel	"	8,329,736	257,080	212,582	469,662	8,799,398	—	—	8,799,398
General management	"	4,037,297	1,218,545	1,023,352	2,241,897	6,279,194	—	—	6,279,194
Maintenance labour	"	26,977,823	3,396,209	1,807,882	5,204,091	32,181,914	—	—	32,181,914
Aircraft and traffic servicing	"	38,195,275	872,814	247,936	1,120,750	39,316,025	—	—	39,316,025
Other personnel	"	35,014,223	1,060,337	1,310,250	2,370,587	37,384,810	—	—	37,384,810
Totals	\$	131,738,962	11,648,808	7,750,065	19,398,873	151,137,835	3,641,990	4,660,031	159,439,856

¹ See Introduction, page 5.² Nordair Ltd. included with Group III carriers for purposes of this report.³ Includes fifth freedom traffic between United States and Canada.⁴ Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.⁵ Excludes Air Canada.⁶ "All services" excludes "Other flying services" except for number of hours flown.⁷ Excess baggage included excepting Air Canada.

TABLE 3. Operating Statistics, Canadian Scheduled Carriers — All Services, by Company, 1966

		Group I carriers			Group II carriers ¹					Grand total
		Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair Inc.	Trans-Air Ltd.	Total	
Revenue operations										
Unit toll services:										
Departures No.		160,756	24,305	185,061	13,547	18,485	18,980	13,725	64,737	249,798
Hours flown "		224,438	48,532	272,970	13,451	20,160	14,288	14,500	62,399	335,369
Miles scheduled "		65,490,613	17,848,942	83,339,555	803,277	3,000,500	2,373,969	1,248,326	7,426,072	90,765,627
Miles flown:										
Scheduled services:										
Regular "		64,492,960	17,311,060	81,804,020	642,702	2,954,826	2,194,484	1,192,248	6,984,260	88,788,280
Extra sections "		3,103,955	233,642	3,337,597	41,455	164,511	84,489	64,266	354,721	3,692,318
Non-scheduled services "		—	—	—	1,320,335	298,091	108,119	815,928	2,542,473	2,542,473
Totals "		67,596,915	17,544,702	85,141,617	2,004,492	3,417,428	2,387,092	2,072,442	9,881,454	95,023,071
Ratio of regular miles flown to miles scheduled										
		98.5	97.0	98.2	80.0	98.5	92.4	95.5	94.1	97.8
Passengers carried (Scheduled and non-scheduled) ² No.										
		5,216,604	716,986	5,933,590	102,092	300,180	165,998	89,967	658,237	6,591,827
Goods carried (Scheduled and non-scheduled): ²										
Express lb.		16,013,165	1,774,674	17,787,839	1,033,676	724,912	—	221,965	1,980,553	19,768,392
Freight "		116,261,866	15,439,715	131,701,581	6,981,699	7,379,573	2,533,670	1,699,161	18,594,103	150,295,684
Excess baggage "		—	281,143	281,143	162,006	352,755	406,016	73,367	994,144	1,275,287
Mail "		36,160,626	3,876,974	40,037,600	2,406,899	2,132,326	838,962	1,576,123	6,954,310	46,991,910
Totals "		168,435,657	21,372,506	189,808,163	10,584,280	10,589,566	3,778,648	3,570,616	28,523,110	218,331,273
Passenger-miles:										
Scheduled services No.		4,193,212,456	1,211,073,172	5,404,285,628	8,621,709	76,249,102	43,270,203	23,289,759	151,430,773	5,555,716,401
Non-scheduled services "		—	—	—	17,955,833	1,628,598	1,339,188	5,763,827	26,687,446	26,687,446
Totals "		4,193,212,456	1,211,073,172	5,404,285,628	26,577,542	77,877,700	44,609,391	29,053,586	178,118,219	5,582,403,847
Available seat-miles on scheduled services										
		6,387,250,974	2,160,629,342	8,547,880,316	19,119,559	179,170,437	78,340,084	65,010,255	341,640,335	8,889,520,651
Passenger load factor on scheduled services										
		65.6	56.1	63.2	45.1	42.6	55.2	35.8	44.3	62.5
Goods ton-miles:										
Express:										
Scheduled services No.		6,289,250	674,143	6,963,393	57,350	193,695	—	38,796	289,841	7,253,234
Non-scheduled services "		—	—	—	464,451	147	—	3,748	168,346	168,346
Totals "		6,289,250	674,143	6,963,393	221,801	193,842	—	42,544	458,187	7,421,580
Freight:										
Scheduled services "		74,591,233	20,987,433	95,578,666	406,464	2,357,904	487,154	171,706	3,423,228	99,001,894
Non-scheduled services "		—	—	—	1,493,512	19,933	4,784	91,554	1,609,783	1,609,783
Totals "		74,591,233	20,987,433	95,578,666	1,899,976	2,377,837	491,938	263,260	5,033,011	100,611,677
Excess baggage:										
Scheduled services "		—	556,435	556,435	3,954	53,044	61,647	10,458	129,103	685,538
Non-scheduled services "		—	—	—	23,641	2,165	1,490	2,965	30,261	30,261
Totals "		—	556,435	556,435	27,595	55,209	63,137	13,423	159,364	715,799
Mail:										
Scheduled services "		19,207,882	3,779,260	22,987,142	134,948	618,283	83,707	74,772	911,710	23,898,852
Non-scheduled services "		—	—	—	291,779	1,922	11,941	121,233	426,875	426,875
Totals "		19,207,882	3,779,260	22,987,142	426,727	620,205	95,648	196,005	1,338,585	24,325,727
Totals, goods ton-miles:										
Scheduled services "		100,088,365	25,997,271	126,085,636	602,716	3,222,926	632,508	295,732	4,753,882	130,839,518
Non-scheduled services "		—	—	—	1,973,383	24,167	18,215	219,500	2,235,265	2,235,265
Totals "		100,088,365	25,997,271	126,085,636	2,576,099	3,247,093	650,723	515,232	6,989,147	133,074,783
Available ton-miles on scheduled services										
		983,493,304	286,673,986	1,270,167,290	2,699,096	21,555,404	7,872,513	7,859,033	39,986,046	1,310,153,336
Weight load factor on scheduled services ³										
		52.8	51.3	52.5	54.3	50.3	63.0	33.4	49.8	52.4

See footnote(s) at end of table.

TABLE 3. Operating Statistics, Canadian Scheduled Carriers — All Services, by Company, 1966 — Concluded

	Group I carriers			Group II carriers ¹					
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair Inc.	TransAir Ltd.	Total	Grand total
Revenue operations — Concluded									
Bulk services:									
Departures No.	1,201	366	1,567	9,511	10,886	662	3,203	24,262	25,829
Hours flown "	3,695	1,577	5,272	9,984	12,777	664	7,165	30,590	35,862
Miles flown "	1,523,292	699,832	2,223,124	856,875	2,015,993	97,870	1,260,969	4,231,707	6,454,831
Passengers carried "	53,880	21,871	75,751	18,468	39,345	2,666	26,381	86,860	162,611
Freight carried lb.	41,483	1,050	42,533	3,078,047	17,408,839	1,323,188	7,536,516	29,346,590	29,389,123
Passengers-miles No.	135,508,170	68,905,060	204,413,230	2,037,384	52,920,772	853,269	28,074,125	83,885,550	288,298,780
Goods ton-miles "	39,644	268	39,912	203,152	1,952,259	102,329	2,738,495	4,996,235	5,036,147
Other flying services (specialty):									
Hours flown "	254	—	254	2,926	—	—	—	2,926	3,180
Total — All services: ⁴									
Departures "	161,957	24,671	186,628	23,058	29,371	19,642	16,928	88,999	275,627
Hours flown "	228,387	50,109	278,496	26,361	32,937	14,952	21,665	95,915	374,411
Miles flown "	69,120,207	18,244,534	87,364,741	2,861,367	5,433,421	2,484,962	3,333,411	14,113,161	101,477,902
Passengers carried "	5,270,484	738,857	6,009,341	120,560	339,525	168,664	116,348	745,097	6,754,438
Cargo carried lb.	132,316,514	17,215,439	149,531,953	11,093,422	25,513,324	3,856,858	9,457,642	49,921,246	199,453,199
Goods carried "	168,477,140	21,373,556	189,850,696	13,662,327	27,998,405	5,101,836	11,107,132	57,869,700	247,720,396
Passengers-miles No.	4,328,720,626	1,279,978,232	5,608,698,858	28,614,926	130,798,472	45,462,660	57,127,711	262,003,769	5,870,702,627
Goods ton-miles "	100,128,009	25,997,539	126,125,548	2,779,251	5,199,352	753,052	3,253,727	11,985,382	138,110,930
Non-revenue operations									
Hours flown "	10,080	3,062	13,142	2,027	1,487	550	1,361	5,425	18,567
Passengers carried "	—	27,880	27,880	3,019	4,139	2,500	1,444	11,102	38,982
Goods carried lb.	—	2,055,080	2,055,080	307,489	371,590	—	129,577	808,656	2,863,736
Passengers-miles No.	186,969,808	61,383,315	248,353,123	1,334,284	1,215,751	647,604	612,101	3,809,740	252,162,863
Goods ton-miles "	5,098,147	2,670,893	7,769,040	91,435	106,284	—	27,868	225,587	7,994,627
Selected revenue and expense items:									
Turbo fuel:									
Quantity gal.	201,301,742	54,238,338	255,540,080	1,081,968	—	2,125,464	814,462	4,021,894	259,561,974
Cost \$	25,695,742	8,663,262	34,359,004	227,212	—	438,400	157,994	823,606	35,182,610
Gasoline:									
Quantity gal.	—	6,315,561	6,315,561	1,440,234	5,645,774	448,037	2,713,409	10,247,454	16,563,015
Cost \$	—	1,733,714	1,733,714	477,403	1,983,567	147,854	1,000,134	3,608,958	5,342,672
Oil consumed:									
Turbo aircraft:									
Quantity gal.	44,382	5,230	49,612	4,171	—	13,837	72	18,080	67,692
Cost \$	388,399	45,716	434,115	7,772	—	48,447	720	56,939	491,054
Other aircraft:									
Quantity gal.	—	55,999	55,999	22,385	64,839	15,469	32,612	135,305	191,304
Cost \$	—	58,701	58,701	28,004	82,381	12,379	37,189	159,953	218,654
Average number of employees:									
Pilots and co-pilots No.	802	267	1,069	62	88	43	53	246	1,315
Other flight "	1,060	312	1,372	15	47	18	30	110	1,482
General management "	73	114	187	8	75	54	15	152	339
Maintenance labour "	2,823	593	3,416	198	209	110	101	618	4,034
Aircraft and traffic servicing "	4,717	1,056	5,773	117	99	130	89	435	6,208
Other personnel "	4,243	846	5,089	48	41	12	68	169	5,258
Totals "	13,718	3,188	16,906	448	559	367	356	1,730	18,636
Salaries and wages paid:									
Pilots and co-pilots \$	12,504,336	4,168,390	16,672,726	601,361	902,611	436,019	571,891	2,511,882	19,184,608
Other flight \$	5,662,173	2,126,445	7,788,618	60,588	253,229	73,930	153,371	541,118	8,329,736
General management \$	1,754,643	1,247,977	3,002,620	107,647	423,146	316,003	187,881	1,034,677	4,037,297
Maintenance labour \$	19,290,422	3,758,796	23,049,218	1,086,139	1,497,304	680,875	664,287	3,928,605	26,977,823
Aircraft and traffic servicing \$	30,001,640	5,737,490	35,739,130	550,318	879,305	673,513	353,009	2,456,145	38,195,275
Other personnel \$	30,110,675	4,342,815	34,453,490	223,782	54,654	85,124	197,173	560,733	35,014,223
Totals \$	99,323,889	21,381,913	120,705,802	2,629,835	4,010,249	2,265,464	2,127,612	11,033,160	131,738,962

¹ Routes included in scheduled or non-scheduled services according to predominant type of service.² Breakdown not available.³ Standard passenger weight used 200 pounds.⁴ "All services" excludes "other flying services" except for number of hours flown.

TABLE 4. Interline Traffic,¹ Canadian Scheduled Carriers — All Services, by Company, 1966

Revenue operations	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair Inc.	TransAir Ltd.	Total
Passengers carried:							
Originated No.	4,307,217	596,359	73,277	288,645	165,998	79,889	5,511,385
Domestic interline "	909,387	56,108	23,188	—	—	—	1,046,456
Foreign interline "	—	57,773	—	—	—	—	—
Totals ² "	5,216,604	710,240	96,465	288,645	165,998	79,889	6,557,841
Express carried:							
Originated "	16,013,165	1,774,674	981,099	724,006	—	221,965	19,714,909
Domestic interline "	—	—	—	—	—	—	—
Foreign interline "	—	—	—	—	—	—	—
Totals ² lb.	16,013,165	1,774,674	981,099	724,006	—	221,965	19,714,909
Freight carried:							
Originated "	116,261,866	11,958,020	6,833,182	7,077,640	2,533,670	796,408	145,460,786
Domestic interline "	—	507,733	—	—	—	—	507,733
Foreign interline "	—	1,503,464	—	—	—	—	1,503,464
Totals ² "	116,261,866	13,969,217	6,833,182	7,077,640	2,533,670	796,408	147,471,983
Excess baggage carried:							
Originated "	—	281,143	148,116	318,488	406,016	61,297	1,215,060 ³
Domestic interline "	—	—	—	—	—	—	—
Foreign interline "	—	—	—	—	—	—	—
Totals ² lb.	—	281,143	148,116	318,488	406,016	61,297	1,215,060 ³
Mail carried:							
Originated "	36,160,626	3,876,974	2,125,732	2,102,000	838,962	421,531	45,525,825
Domestic interline "	—	—	—	—	—	—	—
Foreign interline "	—	—	—	—	—	—	—
Totals ² lb.	36,160,626	3,876,974	2,125,732	2,102,000	838,962	421,531	45,525,825

¹ Includes only scheduled and non-scheduled services designated as mainline by Air Transport Board.² Excludes division interline.³ Excludes Air Canada.

TABLE 5. Operating Statistics, Canadian International Carriers — All Revenue Services, by Area of Service, 1966

Revenue operations	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Group I carriers							
Unit toll services:							
Departures No.	28,099	7,455	6,968	1,473	43,995	141,066	185,061
Hours flown "	36,547	31,567	19,419	8,950	96,483	176,487	272,970
Miles scheduled "	8,156,605	15,272,322	7,897,314	4,633,635	35,959,876	47,379,679	83,339,555
Miles flown:							
Scheduled:							
Regular "	7,945,287	14,977,101	7,811,744	4,433,337	35,167,469	46,636,551	81,804,020
Extra sections "	405,368	146,629	238,056	77,337	867,390	2,470,207	3,337,597
Non-scheduled "	—	—	—	—	—	—	—
Totals No.	8,350,655	15,123,730	8,049,800	4,510,674	36,034,859	49,106,758	85,141,617
Ratio of regular miles flown to miles scheduled	97.4	98.1	98.9	95.7	97.8	98.4	98.2
Passengers carried No.	—	—	—	—	2,002,279	3,931,311	5,933,590
Cargo carried lb.	—	—	—	—	61,531,243	88,239,320	149,770,563
Mail carried "	—	—	—	—	6,612,975	33,424,625	40,037,600
Passenger-miles No.	452,179,928	1,184,953,603	556,087,679	345,440,497	2,538,661,707	2,865,623,921	5,404,285,628
Available seat-miles on schedules services "	675,747,956	2,008,300,084	1,002,927,415	591,906,753	4,278,882,208	4,268,998,108	8,547,880,316
Passenger load factor on scheduled services	66.9	59.0	55.4	58.4	59.3	67.1	63.2
Goods ton-miles:							
Express No.	882,120	—	—	—	882,120	6,081,273	6,963,393
Freight "	5,918,109	25,746,119	7,887,348	7,398,795	46,950,371	48,628,295	95,578,666
Excess baggage "	—	123,768	190,541	223,740	538,049	18,386	556,435
Mail "	622,568	3,834,589	944,814	1,846,367	7,248,338	15,738,804	22,987,142
Totals "	7,422,797	29,704,476	9,022,703	9,468,902	55,618,878	70,466,758	126,085,636
Available ton-miles on scheduled services	95,241,505	296,852,582	134,231,638	83,167,515	609,493,240	660,674,050	1,270,167,290
Weight load factor on scheduled services ¹	55.3	49.9	48.1	52.9	50.8	54.1	52.5
Group I to IV carriers							
Bulk services:							
Departures No.	1,574	1,242	169	59	3,044	—	—
Hours flown "	2,927	8,185	733	273	12,118	—	—
Miles flown "	611,535	3,368,787	211,747	137,525	4,329,594	—	—
Passengers carried "	19,721	84,562	7,716	4,484	116,483	—	—
Goods carried lb.	721,673	207,626	42,006	—	971,305	—	—
Passenger-miles ² No.	13,540,103	335,619,900	14,784,035	12,807,361	376,751,399	—	—
Goods ton-miles ² "	734,796	142,290	25,649	—	902,735	—	—
Total services:							
Departures "	29,673	8,697	7,137	1,532	47,039	—	—
Hours flown "	39,474	39,752	20,152	9,223	108,601	—	—
Miles flown "	8,962,190	18,492,517	8,261,547	4,648,199	40,364,453	—	—
Passengers carried "	—	—	—	—	2,118,762	—	—
Goods carried "	—	—	—	—	69,115,523	—	—
Passenger-miles ² lb.	465,720,031	1,520,573,503	570,871,714	358,247,858	2,915,413,106	—	—
Goods ton-miles ² "	8,157,593	29,846,766	9,048,352	9,468,902	56,521,613	—	—

¹ Standard passenger weight used: 200 pounds.² Excludes charter aircraft not having a maximum authorized take-off on wheels in excess of 18,000 pounds.

TABLE 6. Operating Statistics, Foreign Carriers, by Area of Service, 1956

Revenue operations	United States			Europe		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
All services						
Passenger:						
Unit toll No.	565,740	561,212	1,126,952	164,421	216,002	380,423
Bulk "	1,879	1,618	3,497	15,726	16,717	32,443
Totals "	567,619	562,830	1,130,449	180,147	232,719	412,866
Freight, express and excess baggage:						
Unit toll lb.	4,045,779	14,068,474	18,114,253	7,744,841	25,939,126	33,683,967
Bulk "	—	—	—	23,823	53,360	77,183
Totals "	4,045,779	14,068,474	18,114,253	7,768,664	25,992,486	33,761,150
Mail carried (unit toll) "	845,790	1,688,696	2,534,486	843,324	1,461,872	2,305,196
	All other areas			Total		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers:						
Unit toll No.	9,875	8,814	18,689	740,036	786,028	1,526,064
Bulk "	—	—	—	17,605	18,335	35,940
Totals "	9,875	8,814	18,689	757,641	804,363	1,562,004
Freight, express and excess baggage:						
Unit toll lb.	271,225	98,169	369,394	12,061,845	40,105,769	52,167,614
Bulk "	—	—	—	23,823	53,360	77,183
Totals "	271,225	98,169	369,394	12,085,668	40,159,129	52,244,797
Mail carried (unit toll) "	37,702	31,858	69,560	1,726,816	3,182,426	4,909,242

TABLE 7. Statistical Summary of Group V Carriers, 1966

Operations	1966	Statement of income	1966
Number of reporting carriers	302	Number of reporting carriers	264
Revenue operations		Operating revenues:	dollars
Unit toll and bulk services:		Unit toll and bulk transportation	6,071,768
Hours flown No.	105,705	Specialty flying services	6,636,026
Passengers carried "	224,607	Total flying services	12,707,794
Goods carried lb.	16,269,516	Non-flying services	5,061,856
Specialty flying services:		Total	17,769,650
Hours flown — Types of activity:		Operating expenses:	
Flying training No.	178,985	Flying operations	6,985,871
Recreational flying "	31,692	Maintenance	2,724,217
Aerial photography and survey ¹ "	3,326	General services and administration	4,210,949
Aerial photography "	778	Depreciation	1,968,322
Aerial inspection, reconnaissance and advertising "	10,734	Total	15,889,359
Aerial application and distribution ² "	16,507	Operating income (loss)	1,880,291
Aerial control "	1,918	Non-operating income—Net	625,290
Aerial construction "	146	Income before income taxes	2,505,581
Air ambulance and mercy service "	14	Provision for income taxes	160,516
Aircraft rental "	23,302	Net income after income taxes	2,345,065
Non-transportation charter "	1,482		
Totals, specialty hours flown "	268,884		
Total — All services:			
Hours flown "	374,589		
Non-revenue operations			
Hours flown "	16,868		

¹ Includes geophysical survey.² Includes aerial fish cultivation and aerial pest control.

Note: The number of carriers reporting operating data differs from the number reporting a statement of income.

TABLE 8. Balance Sheet, Canadian Carriers, by Revenue Group, Year Ended December 31, 1966

	Scheduled carriers			Non-scheduled carriers			Grand total
	Group I	Group II	Total	Group III	Group IV	Total	
	dollars						
Assets							
Current assets:							
Cash and special deposits	45,503,784	2,101,354	47,605,138	1,731,547	805,729	2,537,276	50,142,414
Notes and accounts receivable	38,456,893	4,965,128	43,422,021	5,493,712	4,700,187	10,193,899	53,615,920
Less: reserve for uncollectible accounts	925,830	89,033	1,014,863	289,263	468,593	757,856	1,772,719
Materials and supplies	21,124,911	1,586,574	22,711,485	2,664,656	2,367,092	5,031,748	27,743,233
Short term prepayments	2,259,455	317,890	2,577,345	799,326	476,776	1,276,102	3,853,447
Other current assets	7,467	253,235	260,702	1,230,167	2,711,769	3,941,936	4,202,638
Totals	106,426,680	9,135,148	115,561,828	11,630,145	10,592,960	22,223,105	137,784,933
Investments and special funds	12,679,521	9,141,397	21,820,918	2,677,575	2,945,103	5,622,678	27,443,596
Property and equipment:							
Operating	410,769,151	27,998,300	438,767,451	36,818,063	25,108,560	61,926,623	500,694,074
Less: accumulated depreciation	179,935,688	10,665,699	190,601,387	17,311,746	12,699,728	30,011,474	220,612,861
Non-operating	—	578,130	578,130	159,496	845,215	1,004,711	1,582,841
Less: accumulated depreciation	—	—	—	52,862	328,072	380,934	380,934
Totals	230,833,463	17,910,731	248,744,194	19,612,051	12,925,975	32,538,926	281,283,120
Deferred charges:							
Long term prepayments	81,907	—	81,907	13,257	155,839	169,096	251,003
Other deferred charges	105,205	1,573,047	1,678,252	630,352	370,575	1,000,927	2,679,179
Totals	187,112	1,573,047	1,760,159	643,609	526,414	1,170,023	2,930,182
Total assets	350,126,776	37,760,323	387,887,099	34,564,280	26,990,452	61,554,732	449,441,831
Liabilities							
Current liabilities:							
Notes and accounts payable	31,040,609	4,696,557	35,737,166	7,947,147	7,239,494	15,186,641	50,923,807
Current portion of long terms debt	—	903,369	903,369	1,356,798	1,918,255	3,275,053	4,178,422
Accrued taxes	3,432,199	37,931	3,470,130	734,394	268,020	1,002,414	4,472,544
Other current and accrued liabilities	29,040,869	1,059,573	30,100,442	1,182,806	1,217,871	2,400,677	32,501,119
Totals	63,513,677	6,697,430	70,211,107	11,221,145	10,643,640	21,864,785	92,075,892
Non-current liabilities:							
Long term debt	—	17,939,714	17,939,714	6,223,137	4,098,003	10,321,140	28,260,854
Other non-current liabilities	235,819,500	680,885	236,500,385	3,677,726	1,132,375	4,810,101	241,310,486
Totals	235,819,500	18,620,599	254,440,099	9,900,863	5,230,378	15,131,241	269,571,340
Deferred credits	3,329,799	—	3,329,799	271,591	486,997	758,588	4,088,387
Reserves	10,000,000	1,518,306	11,518,306	1,032,431	138,785	1,171,216	12,689,522
Capital stock and surplus:							
Capital stock issued and outstanding:							
Preferred	9,750,000	5,569,975	15,319,975	2,198,774	1,819,491	4,018,265	19,338,240
Common	18,000,000	1,801,806	19,801,806	2,458,600	4,155,138	6,613,738	26,415,544
Other paid-in capital	—	—	—	1,166,449	269,297	1,435,746	1,435,746
Unappropriated surplus	9,713,800	3,552,207	13,266,007	6,314,427	4,246,726	10,561,153	23,827,160
Totals	37,463,800	10,923,988	48,387,788	12,138,250	10,490,652	22,628,902	71,016,690
Total liabilities	350,126,776	37,760,323	387,887,099	34,564,280	26,990,452	61,554,732	449,441,831

TABLE 9. Balance Sheet, Canadian Scheduled Carriers, by Company, Year Ended December 31, 1966

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair Inc.	TransAir Ltd.	Total
	dollars						
Assets							
Current assets:							
Cash	23,479,190	2,569,183	95,742	595,905	339,949	64,743	27,144,712
Special deposits	125,610	19,329,801	—	1,000,000	2,975	2,040	20,460,426
Notes and accounts receivable:							
Governments	4,504,921	—	183,706	262,642	421,015	72,850	5,445,134
General traffic	20,183,628	8,730,536	1,062,140	594,467	379,423	782,410	31,732,604
Associated companies	925,575	254,943	803,861	—	—	1,566	1,985,945
Company personnel	213,423	50,705	29,857	46,898	14,210	23,762	378,855
Other	2,907,324	685,838	180,276	67,441	—	38,604	3,879,483
Totals	28,734,871	9,722,022	2,259,840	971,448	814,648	919,192	43,422,021
Less: reserve for uncollectible accounts	310,000	615,830	58,158	11,202	6,000	13,673	1,014,863
Materials and supplies	18,908,213	2,216,698	598,981	520,171	66,398	401,024	22,711,485
Short term prepayments	981,255	1,278,200	20,462	94,352	120,171	82,905	2,577,345
Other current assets	7,467	—	—	253,235	—	—	260,702
Totals	71,926,606	34,500,074	2,916,867	3,423,909	1,338,141	1,456,231	115,561,828
Investments and special funds:							
Investments in associated companies	12,538	—	3,708,500	—	5,023,712	82,185	8,826,935
Other investments	1,569,059	633,035	—	295,000	—	—	2,497,094
Special funds	10,000,000	464,889	—	32,000	—	—	10,496,889
Totals	11,581,597	1,097,924	3,708,500	327,000	5,023,712	82,185	21,820,918
Property and equipment:							
Operating	387,698,323	23,070,828	6,082,462	11,704,610	4,723,612	5,487,616	438,767,451
Less: accumulated depreciation	164,870,570	15,065,118	1,656,567	3,485,789	3,099,021	2,424,322	190,601,387
Non-operating	—	—	—	578,130	—	—	578,130
Less: accumulated depreciation	—	—	—	—	—	—	—
Totals	222,827,753	8,005,710	4,425,895	8,796,951	1,624,591	3,063,294	248,744,194
Deferred charges:							
Long term prepayments	81,907	—	—	—	—	—	81,907
Developmental and pre-operating costs	—	55,200	3,378	95,781	—	—	154,359
Unamortized discount and expense on debt	—	—	116,889	73,314	—	—	190,203
Property acquisition adjustment	—	—	—	—	—	—	—
Other intangibles	—	—	—	—	—	—	—
Other deferred charges	50,005	—	—	1,173,807	83,051	26,827	1,333,690
Totals	131,912	55,200	120,267	1,342,902	83,051	26,827	1,760,159
Total assets	306,467,868	43,658,908	11,171,529	13,890,762	8,069,495	4,628,527	387,887,099
Liabilities							
Current liabilities:							
Notes and accounts payable:							
Current notes payable	—	—	152,985	—	—	777,000	929,985
Accounts payable — General	9,438,216	1,820,596	737,335	1,422,543	821,009	647,563	14,887,262
Collections as agents:							
Traffic	10,355,521	4,250,349	—	62,568	—	62,875	14,731,313
Other	1,023,012	545,048	—	—	—	7,142	1,575,202
Associated companies	3,607,867	—	5,537	—	—	—	3,613,404
Current portion of long term debt	—	—	132,000	702,915	—	68,454	903,369
Totals	24,424,616	6,615,993	1,027,857	2,188,026	821,009	1,563,034	36,640,535
Accrued salaries and wages	8,209,854	2,025,646	155,293	61,792	—	109,256	10,561,841
Accrued taxes	1,557,114	1,875,085	—	—	—	37,931	3,470,130
Dividends payable	200,000	—	—	—	—	197	200,197
Air travel plan liability	1,861,110	—	—	—	—	—	1,861,110
Unearned transportation revenue	8,202,386	4,570,531	39,151	95,773	—	51,274	12,959,115
Other current liabilities	—	3,971,342	195,000	100,000	—	251,837	4,518,179
Totals	44,455,080	19,058,597	1,417,301	2,445,591	821,009	2,013,529	70,211,107
Non-current liabilities:							
Long term debt	—	—	5,868,000	6,816,589	5,238,847	16,278	17,939,714
Advances from associated companies	235,819,500	—	26,213	—	526,624	90,048	236,462,385
Pension liability	—	—	—	—	—	—	—
Other non-current liability	—	—	38,000	—	—	—	38,000
Totals	235,819,500	—	5,932,213	6,816,589	5,765,471	106,326	254,440,099
Deferred credits:							
Unamortized premium on debt	—	—	—	—	—	—	—
Other deferred credits	2,910,000	419,799	—	—	—	—	3,329,799
Totals	2,910,000	419,799	—	—	—	—	3,329,799
Reserves:							
Reserve for major overhauls	—	—	484,316	476,286	—	557,704	1,518,306
Reserve for self-insurance	10,000,000	—	—	—	—	—	10,000,000
Other reserves	—	—	—	—	—	—	—
Totals	10,000,000	—	484,316	476,286	—	557,704	11,518,306
Capital stock and surplus:							
Capital stock issued and outstanding:							
Preferred	—	9,750,000	3,263,800	1,058,950	1,047,225	200,000	15,319,975
Common	5,000,000	13,000,000	998	396,493	500,000	904,315	19,801,806
Capital stock subscribed and unissued	—	—	—	—	—	—	—
Other paid in capital	—	—	—	—	—	—	—
Unappropriated surplus	8,283,288	1,430,512	72,901	2,696,853	Dr. 64,210	846,663	13,266,007
Totals	13,283,288	24,180,512	3,337,699	4,152,296	1,483,015	1,950,978	48,387,788
Total liabilities	306,467,868	43,658,908	11,171,529	13,890,762	8,069,495	4,628,537	387,887,099

TABLE 10. Property and Equipment and Accumulated Depreciation, Canadian Carriers, by Revenue Group,
Year Ended December 31, 1966

No.		Cost		
		Beginning of year	Additions	Retirements
		dollars		
		Group I and II carriers		
	Operating property and equipment:			
1	Flight equipment	276,087,747	47,593,697	2,292,791
2	Ground equipment	37,641,166	3,167,260	598,467
3	Buildings and other improvements	45,138,714	742,357	74,482
4	Total flight and ground property and equipment	358,867,627	51,503,314	2,965,740
5	Land	28,330	1,525	1,603
6	Construction work in progress	13,620,357	18,141,074	—
7	Total operating property and equipment	372,516,314	69,645,913	2,967,343
8	Non-operating property and equipment	149,888	—	149,888
9	Totals	372,666,202	69,645,913	3,117,231
		Group III carriers		
	Operating property and equipment:			
10	Flight equipment	26,819,029	7,192,933	3,004,460
11	Ground equipment	1,922,230	524,633	132,405
12	Buildings and other improvements	2,854,958	760,513	28,994
13	Total flight and ground property and equipment	31,596,217	8,478,079	3,165,859
14	Land	184,140	296,132	700
15	Construction work in process	30,745	208,478	205,656
16	Total operating property and equipment	31,811,102	8,982,689	3,372,215
17	Non-operating property and equipment	70,104	5,482	5,130
18	Totals	31,881,206	8,988,171	3,377,345
		Group IV carriers		
	Operating property and equipment:			
19	Flight equipment	17,262,235	4,848,113	1,941,045
20	Ground equipment	2,097,471	409,882	129,904
21	Building and other improvements	1,950,177	546,487	42,480
22	Total flight and ground property and equipment	21,309,883	5,804,482	2,113,429
23	Land	200,951	25,830	—
24	Construction work in progress	23,020	5,425	23,020
25	Total operating property and equipment	21,533,854	5,835,737	2,136,449
26	Non-operating property and equipment	604,005	269,711	68,965
27	Totals	22,137,859	6,105,448	2,205,414

TABLE 10. Property and Equipment and Accumulated Depreciation, Canadian Carriers, by Revenue Group,
Year Ended December 31, 1966

Cost		Accumulated depreciation						No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year	End of year	
Debit	Credit			Debit	Credit			
dollars								
Group I and II carriers								
473,895	485,577	321,376,971	123,401,736	1,560,036	57,600	31,332,507	153,231,807	1
35,632	35,632	40,209,959	20,198,285	528,396	—	3,571,108	23,240,997	2
—	—	45,806,589	12,351,339	41,396	—	1,818,640	14,128,583	3
509,527	521,209	407,393,519	155,951,360	2,129,828	57,600	36,722,255	190,601,387	4
—	—	28,252	—	—	—	—	—	5
—	415,751	31,345,680	—	—	—	—	—	6
509,527	936,960	438,767,451	155,951,360	2,129,828	57,600	36,722,255	190,601,387	7
—	—	—	149,888	149,888	—	—	—	8
509,527	936,960	438,767,451	156,101,248	2,279,716	57,600	36,722,255	190,601,387	9
Group III carriers								
94,517	660,685	30,441,334	13,032,078	1,021,851	94,716	2,486,655	14,591,598	10
16,809	31,400	2,299,867	1,187,359	78,460	26,161	233,461	1,368,521	11
6,857	31,699	3,561,635	1,173,716	40,547	31,478	186,987	1,351,634	12
118,183	723,784	36,302,836	15,393,153	1,140,858	152,355	2,907,103	17,311,753	13
2,085	—	481,657	—	—	—	—	—	14
—	—	33,567	—	—	—	—	—	15
120,268	723,784	36,818,060	15,393,153	1,140,858	152,355	2,907,103	17,311,753	16
—	23,005	47,451	26,315	7,230	—	33,778	52,863	17
120,268	746,789	36,865,511	15,419,468	1,148,088	152,355	2,940,881	17,364,616	18
Group IV carriers								
12,800	10,687	20,171,416	9,028,430	784,813	54,234	2,171,033	10,468,884	19
—	14,364	2,363,085	1,216,594	38,036	8,440	205,518	1,392,516	20
—	10,114	2,444,070	693,255	9,815	2,383	123,929	809,752	21
12,800	35,165	24,978,571	10,938,279	832,664	65,057	2,500,480	12,671,152	22
—	—	226,781	—	—	—	—	—	23
—	—	5,425	—	—	—	—	—	24
12,800	35,165	25,210,777	10,938,279	832,664	65,057	2,500,480	12,671,152	25
10,500	—	815,251	232,451	11,406	4,119	88,796	313,960	26
23,300	35,165	26,026,028	11,170,730	844,070	69,176	2,589,276	12,985,112	27

TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company
Year Ended December 31, 1966

No.		Cost		
		Beginning of year	Additions	Retirements
		dollars		
		Air Canada		
	Operating property and equipment:			
	Flight equipment:			
1	Airframes	176,650,582	32,908,521	—
2	Aircraft engines	43,324,942	7,101,686	—
3	Aircraft propellers	3,347,602	—	—
4	Aircraft communications and navigational equipment	3,881,916	991,108	—
5	Miscellaneous flight equipment	75,178	—	—
6	Flight equipment, spare parts and assemblies	16,972,540	3,450,869	562,963
7	Totals	244,252,760	44,452,184	562,963
	Ground property and equipment:			
8	Ramp equipment	7,895,151	846,287	136,485
9	Communications	378,882	6,501	20,195
10	Maintenance and engineering equipment	8,504,105	811,526	59,825
11	Surface transport vehicles and equipment	389,123	66,794	46,077
12	Furniture, fixtures and office equipment	2,091,610	320,890	69,214
13	Miscellaneous ground equipment	11,145,677	560,577	124,100
14	Buildings and other improvements	39,755,438	378,943	—
15	Totals	70,159,986	2,991,518	455,896
16	Land	—	—	—
17	Construction work in progress	13,204,606	13,656,128	—
18	Totals	327,617,352	61,099,830	1,018,859
19	Non-operating property and equipment	149,888	—	149,888
20	Total operating and non-operating property and equipment	327,767,240	61,099,830	1,168,747
		Canadian Pacific Air Lines Ltd.		
	Operating property and equipment:			
	Flight equipment:			
21	Airframes	6,531,502	—	—
22	Aircraft engines	1,429,852	—	—
23	Aircraft propellers	251,790	18,043	60,975
24	Aircraft communications and navigational equipment	278,198	—	—
25	Miscellaneous flight equipment	379,930	58,289	87,530
26	Flight equipment spare parts and assemblies	4,803,796	704,070	312,513
27	Totals	13,675,068	780,402	461,018
	Ground property and equipment:			
28	Ramp equipment	1,370,668	129,139	10,455
29	Communications and meteorological equipment	46,960	—	5,400
30	Maintenance and engineering equipment	1,898,193	78,525	21,770
31	Surface transport vehicles and equipment	155,627	49,842	22,594
32	Furniture, fixtures and office equipment	624,052	56,890	1,189
33	Miscellaneous ground equipment	1,215,871	31,332	2,490
34	Buildings and other improvements	3,244,133	261,080	23,643
35	Totals	8,555,504	606,808	87,541
36	Land	2,006	—	401
37	Construction work in progress	—	—	—
38	Totals	22,232,578	1,387,210	548,960
39	Non-operating property and equipment	—	—	—
40	Total operating and non-operating property and equipment	22,232,578	1,387,210	548,960

¹ Retirements.

TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1966

Cost			Accumulated depreciation						No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year		End of year	
Debit	Credit			Debit	Credit	Rate	Amount		
dollars									
Air Canada									
-	19,764	209,539,339	77,033,759	-	-	-	20,229,966	97,263,725	1
-	-	50,426,628	18,919,460	-	-	-	5,278,832	24,198,292	2
-	-	3,347,602	1,774,850	-	-	-	542,931	2,317,781	3
-	-	4,873,024	2,036,091	-	-	-	682,989	2,719,080	4
-	-	75,178	27,730	-	-	-	5,294	33,024	5
19,764	-	19,880,210	6,548,070	534,487 ¹	-	-	2,146,279	8,159,862	6
19,764	19,764	288,141,981	106,339,960	534,487	-	-	28,886,291	134,691,764	7
19,980	-	8,624,933	4,172,679	125,918 ¹	-	-	712,996	4,759,757	8
84	-	365,272	267,904	15,709 ¹	-	-	43,100	295,295	9
-	16,018	9,239,788	5,614,978	57,802 ¹	-	-	662,221	6,219,397	10
2,330	-	412,170	230,576	37,224 ¹	-	-	59,379	252,731	11
-	3,397	2,339,889	932,387	56,106 ¹	-	-	145,300	1,021,581	12
-	2,979	11,579,175	4,340,803	121,502 ¹	-	-	1,359,141	5,578,442	13
-	-	40,134,381	10,464,619	500 ¹	-	-	1,586,484	12,051,603	14
22,394	22,394	72,695,608	26,023,946	413,761 ¹	-	-	4,568,621	30,178,806	15
-	-	-	-	-	-	-	-	-	16
-	-	26,860,734	-	-	-	-	-	-	17
42,158	42,158	387,698,323	132,363,906	948,248 ¹	-	-	33,454,912	164,870,570	18
-	-	-	149,888	149,888 ¹	-	-	-	-	19
42,158	42,158	387,698,323	132,513,794	1,098,136 ¹	-	-	33,454,912	164,870,570	20
Canadian Pacific Air Lines Ltd.									
-	-	6,531,502	4,666,378	-	-	8.5	656,715	5,323,093	21
-	-	1,429,852	1,095,082	-	-	8.5	72,167	1,167,249	22
-	-	208,858	164,950	37,962	-	8.5	19,598	146,586	23
-	-	278,198	209,369	-	-	8.5	23,535	232,904	24
-	-	350,689	217,029	40,184	-	8.5	25,691	202,536	25
-	-	5,195,353	2,844,399	288,415	-	10.0	387,584	2,943,568	26
-	-	13,994,452	9,197,207	366,561	-	-	1,185,290	10,015,936	27
-	-	1,489,352	629,391	7,365	-	10.0	127,765	749,791	28
-	-	41,560	46,960	5,400	-	-	-	41,560	29
-	-	1,954,948	1,285,524	15,563	-	10.0	113,004	1,382,965	30
-	-	182,875	96,341	18,382	-	25.0	31,753	109,712	31
-	-	679,753	407,722	1,030	-	10.0	33,612	440,304	32
-	-	1,244,713	904,340	1,730	-	10.0	110,156	1,012,766	33
-	-	3,481,570	1,195,351	6,507	-	17.5	123,240	1,312,084	34
-	-	9,074,771	4,565,629	55,977	-	-	539,530	5,049,182	35
-	-	1,605	-	-	-	-	-	-	36
-	-	-	-	-	-	-	-	-	37
-	-	23,070,828	13,762,836	422,538	-	-	1,724,820	15,065,118	38
-	-	-	-	-	-	-	-	-	39
-	-	23,070,828	13,762,836	422,538	-	-	1,724,820	15,065,118	40

TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1966 — Continued

No		Cost		
		Beginning of year	Additions	Retirements
		dollars		
		Eastern Provincial Airways (1963) Ltd.		
	Operating property and equipment:			
	Flight equipment:			
1	Airframes	2,508,157	204,150	35,000
2	Aircraft engines	614,500	32,000	89,000
3	Aircraft propellers	94,500	3,751	1,000
4	Aircraft communications and navigational equipment	365,991	20,875	7,353
5	Miscellaneous flight equipment	8,352	2,299	—
6	Flight equipment, spare parts and assemblies	1,173,250	70,695	149,383
7	Totals	4,764,750	333,770	281,736
	Ground property and equipment:			
8	Ramp equipment	57,068	50,756	—
9	Communications and meteorological equipment	55,252	2,038	—
10	Maintenance and engineering equipment	72,266	9,135	—
11	Surface transport vehicles and equipment	15,483	623	7,588
12	Furniture, fixtures and office equipment	93,807	13,877	4,753
13	Miscellaneous ground equipment	68,036	5,925	2,158
14	Buildings and other improvements	818,709	14,523	—
15	Totals	1,180,621	96,877	14,499
16	Land	2,679	—	—
17	Construction work in progress	—	—	—
18	Totals	5,948,050	430,647	296,235
19	Non-operating property and equipment	—	—	—
20	Total operating and non-operating property and equipment	5,948,050	430,647	296,235
		Pacific Western Airlines Ltd.		
	Operating property and equipment:			
	Flight equipment:			
21	Airframes	3,413,840	455,104	551,471
22	Aircraft engines	984,973	455,892	110,082
23	Aircraft propellers	—	53,763	—
24	Aircraft communications and navigational equipment	265,857	65,048	22,191
25	Miscellaneous flight equipment	58,970	895	554
26	Flight equipment, spare parts and assemblies	805,554	165,143	140,355
27	Totals	5,529,194	1,195,845	824,653
	Ground property and equipment:			
28	Ramp equipment	—	—	—
29	Communications and meteorological equipment	146,386	629	5,099
30	Maintenance and engineering equipment	211,123	16,813	7,276
31	Surface transport vehicles and equipment	117,573	3,700	22,587
32	Furniture, fixtures and office equipment	164,255	11,127	3,853
33	Miscellaneous ground equipment	137,719	47,114	7,439
34	Buildings and other improvements	472,456	87,161	40,367
35	Totals	1,249,512	166,544	86,621
36	Land	802	1,525	802
37	Construction work in progress	399,533	4,484,946	—
38	Totals	7,179,041	5,848,860	912,076
39	Non-operating property and equipment	—	—	—
40	Total operating and non-operating property and equipment	7,179,041	5,848,860	912,076

TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1966 — Continued

Cost			Accumulated depreciation						No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year		End of year	
Debit	Credit			Debit	Credit	Rate	Amount		
dollars									
Eastern Provincial Airways (1963) Ltd.									
—	—	2,677,307	578,651	10,593	—	—	257,815	825,873	1
382,981	—	940,481	123,196	21,311	57,600	—	82,612	242,097	2
67,939	—	165,190	19,020	279	—	—	13,639	32,380	3
3,211	—	382,724	74,025	1,735	—	—	34,396	106,686	4
—	—	10,651	231	—	—	—	104	335	5
—	454,131	640,431	140,413	76,648	—	—	61,561	125,326	6
454,131	454,131	4,816,784	935,536	110,566	57,600	—	450,127	1,332,697	7
—	—	107,824	28,848	—	—	—	12,084	40,932	8
—	—	57,290	14,754	—	—	—	9,960	24,714	9
13,238	—	94,639	26,486	—	—	—	15,602	42,088	10
—	—	8,518	11,034	4,200	—	—	1,061	7,895	11
—	—	102,931	29,388	1,917	—	—	17,246	44,717	12
—	13,238	58,565	31,865	1,474	—	—	11,986	42,377	13
—	—	833,232	80,583	—	—	—	40,564	121,147	14
13,238	13,238	1,262,999	222,958	7,591	—	—	108,503	323,870	15
—	—	2,679	—	—	—	—	—	—	16
—	—	—	—	—	—	—	—	—	17
467,369	467,369	6,082,462	1,158,494	118,157	57,600	—	558,630	1,656,567	18
—	—	—	—	—	—	—	—	—	19
467,369	467,369	6,082,462	1,158,494	118,157	57,600	—	558,630	1,656,567	20
Pacific Western Airlines Ltd.									
—	—	3,317,473	1,950,315	289,777	—	—	180,328	1,840,866	21
—	—	1,330,783	192,830	14,273	—	—	79,739	258,296	22
—	—	53,763	—	—	—	—	2,667	2,667	23
—	—	308,714	124,183	18,409	—	12½	30,752	136,526	24
—	—	59,311	26,267	554	—	12½	5,536	31,249	25
—	11,682	818,660	510,868	114,140	—	12½	83,260	479,988	26
—	11,682	5,888,704	2,804,463	437,153	—	—	382,282	2,749,592	27
—	—	—	—	—	—	—	—	—	28
—	—	141,916	117,932	4,169	—	10	7,484	121,247	29
—	—	220,660	154,201	6,695	—	10	13,535	161,041	30
—	—	98,686	94,970	18,010	—	20	4,520	81,480	31
—	—	171,529	130,378	3,361	—	10	9,365	136,382	32
—	—	177,394	80,367	7,483	—	10	10,687	83,571	33
—	—	519,250	151,389	28,342	—	5 and 10	29,429	152,476	34
—	—	1,329,435	729,237	68,060	—	—	75,020	736,197	35
—	—	1,525	—	—	—	—	—	—	36
—	399,533	4,484,946	—	—	—	—	—	—	37
—	411,215	11,704,610	3,533,700	505,213	—	—	457,302	3,485,789	38
—	—	—	—	—	—	—	—	—	39
—	411,215	11,704,610	3,533,700	505,213	—	—	457,302	3,485,789	40

TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1966 — Concluded

No.		Cost		
		Beginning of year	Additions	Retirements
		dollars		
		Quebecair Inc.		
	Operating property and equipment:			
	Flight equipment:			
1	Airframes	3,781,457	—	26,953
2	Aircraft engines	—	16,158	—
3	Aircraft propellers	74,522	6,862	—
4	Aircraft communications and navigational equipment	—	24,945	—
5	Miscellaneous flight equipment	23,416	169	—
6	Flight equipment, spare parts and assemblies	453,094	45,369	—
7	Totals	4,332,489	93,503	26,953
	Ground property equipment:			
8	Ramp equipment	17,587	6,575	—
9	Communications and meteorological equipment	5,400	8,499	—
10	Maintenance and engineering equipment	101,339	5,092	—
11	Surface transport vehicles and equipment	—	—	—
12	Furniture, fixtures, and office equipment	136,412	16,509	—
13	Miscellaneous ground equipment	25,672	1,488	—
14	Buildings and other improvements	—	—	—
15	Totals	286,410	38,163	—
16	Land	—	—	—
17	Construction work in process	—	—	—
18	Totals	4,618,899	131,666	26,953
19	Non-operating property and equipment	—	—	—
20	Total operating and non-operating property and equipment	4,618,899	131,666	26,953
		TransAir Ltd.		
	Operating property and equipment:			
	Flight equipment:			
21	Airframes	2,008,276	670,687	107,829
22	Aircraft engines	1,045,419	11,440	24,179
23	Aircraft propellers	—	—	—
24	Aircraft communications and navigational equipment	157,748	16,398	3,460
25	Miscellaneous flight equipment	107,404	4,107	—
26	Flight equipment, spare parts and assemblies	214,639	35,361	—
27	Totals	3,533,486	737,993	135,468
	Ground property and equipment:			
28	Ramp equipment	—	—	—
29	Communications and meteorological equipment	76,913	—	—
30	Maintenance and engineering equipment	200,585	5,092	—
31	Surface transport vehicles and equipment	112,095	—	17,466
32	Furniture, fixtures and office equipment	105,730	3,965	454
33	Miscellaneous ground equipment	4,546	—	—
34	Buildings and other improvements	847,978	650	10,472
35	Totals	1,347,847	9,707	28,392
36	Land	22,843	—	400
37	Construction work in progress	16,218	—	—
38	Totals	4,920,394	747,700	164,260
39	Non-operating property and equipment	—	—	—
40	Total operating and non-operating property and equipment	4,920,394	747,700	164,260

TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1966 — Concluded

Cost		Accumulated depreciation							No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year		End of year	
Debit	Credit			Debit	Credit	Rate	Amount		
		dollars				%		dollars	
Quebecair Inc.									
-	-	3,754,504	2,541,521	-	-	-	336,994	2,878,515	1
-	-	16,158	-	-	-	-	1,616	1,616	2
-	-	81,384	-	-	-	-	-	-	3
-	-	24,945	-	-	-	-	2,495	2,495	4
-	-	23,585	11,461	-	-	-	2,097	13,558	5
-	-	498,463	-	-	-	-	-	-	6
-	-	4,399,039	2,552,982	-	-	-	343,202	2,896,184	7
-	-								
-	-	24,162	12,482	-	-	-	2,066	14,548	8
-	-	13,899	540	-	-	-	1,390	1,930	9
-	-	106,431	64,135	-	-	-	8,951	73,086	10
-	-	-	-	-	-	-	-	-	11
-	-	152,921	83,028	-	-	-	14,313	97,341	12
-	-	27,160	13,222	-	-	-	2,710	15,932	13
-	-	-	-	-	-	-	-	-	14
-	-	324,573	173,407	-	-	-	29,430	202,837	15
-	-	-	-	-	-	-	-	-	16
-	-	-	-	-	-	-	-	-	17
-	-	4,723,612	2,726,389	-	-	-	372,632	3,099,021	18
-	-	-	-	-	-	-	-	-	19
-	-	4,723,612	2,726,389	-	-	-	372,632	3,099,021	20
TransAir Ltd.									
-	-	2,571,134	1,246,890	107,829	-	-	27,900	1,166,961	21
-	-	1,032,680	149,804	-	-	-	13,110	162,914	22
-	-	-	-	-	-	-	-	-	23
-	-	170,686	92,011	3,440	-	-	32,854	121,425	24
-	-	111,511	82,883	-	-	-	11,451	94,334	25
-	-	250,000	-	-	-	-	-	-	26
-	-	4,136,011	1,571,588	111,269	-	-	85,315	1,545,634	27
-	-	-	-	-	-	-	-	-	28
-	-	76,913	65,555	-	-	-	2,839	68,394	29
-	-	205,677	140,099	-	-	-	13,116	153,215	30
-	-	94,629	88,319	16,975	-	-	7,133	78,477	31
-	-	109,241	78,653	381	-	-	6,208	84,480	32
-	-	4,546	2,424	-	-	-	425	2,849	33
-	-	838,156	459,397	7,047	-	-	38,923	491,273	34
-	-	1,329,162	834,447	24,403	-	-	68,644	878,688	35
-	-	22,443	-	-	-	-	-	-	36
-	16,218	-	-	-	-	-	-	-	37
-	16,218	5,487,616	2,406,035	135,672	-	-	153,959	2,424,322	38
-	-	-	-	-	-	-	-	-	39
-	16,218	5,487,616	2,406,035	135,672	-	-	153,959	2,424,322	40

TABLE 12. Statement of Income, Canadian Carriers — All Services, by Revenue Group, Year Ended December 31, 1965 and 1966

	Scheduled carriers			Non-scheduled carriers			Grand total 1966	Grand total 1965
	Group I	Group II ¹	Total	Group III ¹	Group IV	Total		
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	311,664,146	15,929,156	327,593,302	3,139,346	382,827	3,522,173	331,115,475	283,495,865
Express	6,490,237	405,849	6,896,086	52,911	15,102	68,013	6,964,099	6,367,309
Freight	23,490,579	2,729,281	26,219,860	1,407,803	81,881	1,489,684	27,709,544	22,002,565
Excess baggage	1,692,454	241,960	1,934,414	92,614	6,161	98,775	2,033,189	1,976,639
Mail	18,028,797	1,803,243	19,832,040	694,730	51,209	745,939	20,577,979	18,755,471
Total unit toll transportation	361,366,213	21,109,489	382,475,702	5,387,404	537,180	5,924,584	388,400,286	332,597,849
Bulk transportation	7,355,704	7,387,252	14,742,956	26,428,853	13,743,012	40,171,865	54,914,821	47,751,706
Total transportation	368,721,917	28,496,741	397,218,658	31,816,257	14,280,192	46,096,449	443,315,107	380,349,555
Other flying services	77,775	541,288	619,063	4,740,556	3,862,132	8,602,688	9,221,751	7,693,945
Total flying services	368,799,692	29,038,029	397,837,721	36,556,813	18,142,324	54,699,137	452,536,858	388,043,500
Non-flying services	4,303,310	937,748	5,241,058	1,258,832	1,702,831	2,961,663	8,202,721	4,763,066
Total operating revenues	373,103,002	29,975,777	403,078,779	37,815,645	19,845,155	57,660,800	460,739,579	392,806,566
Operating expenses:								
Flying operations	86,224,880	9,961,937	96,186,817	14,939,611	7,746,855	22,686,466	118,873,283	99,505,059
Maintenance	66,420,097	9,178,657	75,598,754	9,868,500	4,682,245	14,550,745	90,149,499	81,590,537
General services and administration:								
Passenger service	31,161,276	1,272,848	32,434,124	..	..	..	..	..
Aircraft and traffic servicing	49,935,853	4,100,824	54,036,677	..	..	..	..	..
Promotion and sales	61,186,715	2,095,353	63,282,068	..	..	..	..	..
General administration	14,395,550	1,947,085	16,342,635	..	..	..	..	..
Totals	156,679,394	9,416,110	166,095,504	7,189,612	3,587,717	10,777,329	176,872,833	146,726,026
Depreciation and amortization	38,768,926	1,413,519	40,182,445	2,936,404	2,367,692	5,304,096	45,486,541	40,386,262
Total operating expenses	348,093,297	29,970,223	378,063,520	34,934,127	18,384,509	53,318,636	431,382,156	368,207,884
Operating income (loss)	25,009,705	5,554	25,015,259	2,881,518	1,460,646	4,342,164	29,357,423	24,598,682
Non-operating income—Net:								
Capital gains and losses	98,942	635,185	734,127	259,410	223,122	482,532	1,216,659	1,633,780
Interest and discounts	4,493,205	1,736	4,494,941	114,076	23,148	137,224	4,632,165	3,349,448
Miscellaneous non-operating income	Dr. 45,008	93,826	48,818	159,740	186,661	346,401	395,219	Dr. 204,827
Income before interest expense	29,556,844	736,301	30,293,145	3,414,744	1,893,577	5,308,321	35,601,466	29,377,083
Interest expense	13,382,206	777,105	14,159,311	702,237	609,506	1,311,743	15,471,054	15,100,701
Income before income taxes	16,174,638	Dr. 40,804	16,133,834	2,712,507	1,284,071	3,996,578	20,130,412	14,276,382
Provision for income taxes	4,740,000	Cr. 55,960	4,684,040	1,253,786	326,134	1,579,920	6,263,960	1,094,548
Net income after income taxes	11,434,638	15,156	11,449,794	1,458,721	957,937	2,416,658	13,866,452	13,181,834

¹ Nordair Ltd. included with Group III carriers for purposes of this report.

TABLE 13. Statement of Income, Canadian Scheduled Carriers — All Services, by Company, Year Ended December 31, 1965 and 1966

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Western Airlines Ltd.	Quebecair Inc.	TransAir Ltd.	Total 1966	Total 1965
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	243,877,201	67,786,945	2,544,711	6,816,922	4,148,938	2,418,585	327,593,302	280,041,967
Express	5,911,579	578,658	157,401	193,836	—	54,612	6,896,086	6,262,294
Freight	17,819,039	5,671,540	873,721	1,064,442	551,593	239,525	26,219,860	20,810,157
Excess baggage	1,170,906	521,548	30,409	129,199	70,489	11,863	1,934,414	1,902,055
Mail	13,193,444	4,835,353	602,204	645,981	152,141	402,917	19,832,040	18,066,228
Total unit toll transportation	281,972,169	79,394,044	4,208,446	8,850,380	4,923,161	3,127,502	382,475,702	327,082,701
Bulk transportation	4,824,890	2,530,814	1,357,001	3,389,534	128,402	2,512,315	14,742,956	17,986,533
Total transportation	286,797,059	81,924,858	5,565,447	12,239,914	5,051,563	5,639,817	397,218,658	345,069,234
Other flying services	77,775	—	541,288	—	—	—	619,063	561,215
Total flying services	286,874,834	81,924,858	6,106,735	12,239,914	5,051,563	5,639,817	397,837,721	345,630,449
Non-flying services	3,068,508	1,234,802	203,976	15,609	347,358	370,805	5,241,058	2,688,248
Total operating revenues	289,943,342	83,159,660	6,310,711	12,255,523	5,398,921	6,010,622	403,078,779	348,318,697
Operating expenses:								
Flying operations	60,789,528	25,435,352	1,902,907	4,076,587	1,784,304	2,198,139	96,186,817	82,185,301
Maintenance	56,600,572	9,819,525	2,046,060	3,105,175	1,770,069	2,257,353	75,598,754	69,927,635
General services and administration:								
Passenger service	23,982,428	7,178,848	194,558	566,546	181,104	330,640	32,434,124	25,916,876
Aircraft and traffic servicing	41,622,271	8,313,582	1,354,357	1,935,249	476,092	335,126	54,036,677	46,697,744
Promotion and sales	44,828,447	16,358,268	117,233	443,742	877,185	657,193	63,282,068	52,143,342
General administration	11,282,307	3,113,243	372,738	720,501	532,550	321,296	16,342,635	13,929,785
Totals	121,715,453	34,963,941	2,038,886	3,666,038	2,066,931	1,644,255	166,095,504	138,687,747
Depreciation and amortization	36,884,506	1,884,420	406,659	480,266	372,632	153,962	40,182,445	36,099,234
Total operating expenses	275,990,059	72,103,238	6,394,512	11,328,066	5,993,936	6,253,709	378,063,520	326,899,917
Operating income (loss)	13,953,283	11,056,422	Dr. 83,801	927,457	Dr. 595,015	Dr. 243,087	25,015,259	21,418,780
Non-operating income—Net:								
Capital gains and losses	49,570	49,372	57,070	483,652	8,472	85,991	734,127	960,482
Interest and discounts	3,236,152	1,257,053	836	—	—	900	4,494,941	3,278,661
Miscellaneous non-operating income	160,454	Dr. 205,462	40,529	90,444	—	Dr. 37,147	48,818	Dr. 271,721
Income before interest expense	17,399,459	12,157,385	14,634	1,501,553	Dr. 586,543	Dr. 193,343	30,293,145	25,386,202
Interest expense	11,579,581	1,802,625	397,531	133,780	183,707	62,087	14,159,311	13,950,938
Income before income taxes	5,819,878	10,354,760	Dr. 382,897	1,367,773	Dr. 779,250	Dr. 255,430	16,133,834	11,435,264
Provision for income taxes	2,910,000	1,830,000	—	Dr. 577,000	—	1,040	4,684,040	269,279
Net income after income taxes	2,909,878	8,524,760	Dr. 382,897	1,424,773	Dr. 770,250	Dr. 256,470	11,449,794	11,165,985

TABLE 14. Operating Expense Analysis, Canadian Group III Carriers, Year Ended December 31, 1966

Expenses	Functional classification						
	Flying operations	Maintenance			General services and administration	Depreciation and amortization	Grand total
		Direct maintenance flight equipment	Direct maintenance ground property and equipment	Maintenance burden			
				dollars			
Salaries, wages and personnel expenses:							
General management	—	—	—	199,761	1,299,805	—	1,499,566
Pilots and co-pilots	4,647,138	—	—	—	—	—	4,647,138
Other flight personnel	263,906	—	—	—	122,006	—	385,912
Maintenance labour	—	2,750,295	96,956	208,160	11,888	—	3,067,299
Aircraft and traffic handling	—	—	—	—	847,045	—	847,045
Trainees, instructors and unallocated shop labour	311,220	—	—	150,656	65,213	—	527,089
Communications	—	—	—	5,174	110,898	—	116,072
Other personnel	—	—	7,705	217,721	671,446	—	896,872
Personnel expenses	664,705	—	—	187,226	471,823	—	1,323,754
Totals	5,886,969	2,750,295	104,661	968,698	3,600,124	—	13,310,747
Materials and supplies:							
Aircraft fuels and oils	4,500,734	—	157,829	—	—	—	4,658,563
Maintenance materials and supplies	—	2,040,142	—	112,312	—	—	2,152,454
Shop and servicing supplies	—	—	7,939	124,089	9,923	—	141,951
Stationery, printing and office supplies	—	—	—	15,838	178,336	—	194,174
Passenger food expense	—	—	—	—	215,077	—	215,077
Other supplies	145,328	—	4,360	48,114	55,875	—	253,677
Inventory adjustments	—	—	—	10,653	—	—	10,653
Totals	4,646,062	2,040,142	170,128	311,006	459,211	—	7,626,549
Other expenses:							
Communications purchased	—	—	—	38,783	357,350	—	396,133
Light, heat, power and water	—	—	—	85,599	117,702	—	203,301
Traffic commissions	—	—	—	—	271,193	—	271,193
Professional and technical fees and expenses	—	—	—	3,710	290,396	—	294,106
Other services — Associated companies	—	—	2,307	—	165,295	—	167,602
Total repairs and other services — Outside	—	2,232,632	61,157	91,918	370,095	—	2,755,802
Rentals	1,690,281	—	2,480	120,778	186,720	—	2,000,259
Landing fees — Canadian	333,408	—	—	—	—	—	33,408
Foreign	—	—	—	—	—	—	—
Insurance — P.L., P.D. and traffic liability	1,786,205	—	7,103	61,945	139,452	—	1,994,705
Employee welfare	277,868	—	—	101,364	312,565	—	691,797
Injuries, loss and damage	44,695	—	—	2,042	28,845	—	75,582
Advertising and publicity	—	—	—	—	245,423	—	245,423
Interrupted trip expense	—	—	—	—	40,275	—	40,275
Uncollectible accounts	—	—	—	—	175,336	—	175,336
Taxes, other than income and payroll	—	—	—	1,373	113,651	—	115,024
Other expenses	274,123	—	4,735	47,798	315,978	—	642,634
Overhaul provisions — Airframes	—	—	—	—	—	—	—
Aircraft engines	—	653,598	—	—	—	—	653,598
Totals	4,406,580	2,886,230	77,782	555,310	3,130,276	—	11,056,178
Depreciation and amortization:							
Amortization	—	—	—	—	—	15,924	15,924
Depreciation — Flight equipment	—	—	—	—	—	2,468,938	2,468,938
Maintenance equipment and hangars	—	—	—	—	—	194,678	194,678
General ground property	—	—	—	—	—	256,861	256,861
Grand totals	14,939,611	7,676,667	352,571	1,835,014	7,189,611	2,936,401	34,929,875

TABLE 15. Operating Expense Analysis, Canadian Group IV Carriers, Year Ended December 31, 1966

Expenses	Functional classification					
	Flying operations	Maintenance		General services and administration	Depreciation and amortization	Grand total
		Flight equipment	Ground property and equipment			
	dollars					
Salaries, wages, and personnel expenses:						
General management	—	51,539	19,037	990,188	—	1,060,764
Flight personnel	3,192,240	—	—	22,128	—	3,214,368
Maintenance labour	—	1,427,848	101,984	—	—	1,529,832
Aircraft and traffic handling	—	—	—	161,509	—	161,509
Other personnel	—	28,715	8,800	426,624	—	464,139
Personnel expenses	290,734	52,085	9,643	184,622	—	537,084
Totals	3,482,974	1,560,187	139,464	1,785,071	—	6,967,696
Materials and supplies:						
Aircraft fuel and oils	2,103,495	—	—	—	—	2,103,495
Maintenance materials and supplies	—	1,741,762	208,870	—	—	1,950,632
Other supplies	50,674	31,564	13,864	112,803	—	208,905
Totals	2,154,169	1,773,326	222,734	112,803	—	4,263,032
Other expenses:						
Repairs and other services — Outside	—	876,873	64,435	110,745	—	1,052,053
Rentals	818,101	123,681	97,742	147,889	—	1,187,413
Insurance — P.L., P.D. and traffic liability	1,077,190	24,061	27,735	92,353	—	1,221,339
Other expenses	214,369	61,484	13,520	1,338,845	—	1,628,218
Depreciation — Flight equipment	—	—	—	—	2,083,021	2,083,021
Ground property and equipment	—	—	—	—	283,670	283,670
Totals	2,109,660	1,086,099	203,432	1,689,832	2,366,691	7,455,714
Grand totals	7,746,803	4,419,612	565,630	3,587,706	2,366,691	18,686,442

TABLE 16. Operating Expense Analysis, Canadian Scheduled Carriers -- All services, Year Ended December 31, 1966

No.	Expenses	Functional classification			
		Flying operations	Maintenance		
			Direct maintenance flight equipment	Direct maintenance ground property and equipment	Maintenance burden
		dollars			
	Salaries, wages and personnel expenses:				
1	General management				1,340,705
2	Pilots and co-pilots	18,708,352			-
3	Other flight personnel	1,090,557			-
4	Maintenance labour		14,628,844	1,161,441	2,309,196
5	Aircraft and traffic handling				-
6	Trainees, instructors, unallocated shop labour	1,832,365			6,340,833
7	Communications				148,583
8	Other personnel				11,702,043
9	Personnel expenses	2,000,987			530,995
10	Totals	23,632,261	14,628,844	1,161,441	22,372,355
	Materials and supplies:				
11	Aircraft fuels and oils	42,883,230			-
12	Maintenance materials and supplies		18,852,319	823,973	971,139
13	Shop and servicing supplies				886,057
14	Stationery, printing and office supplies				273,112
15	Passenger food expense				-
16	Other supplies	235,407			529,969
17	Inventory adjustments				68,345
18	Totals	43,118,637	18,852,319	823,973	2,728,622
	Other expenses:				
19	Communications purchased				220,735
20	Light, heat, power and water				708,901
21	Traffic commissions				-
22	Professional and technical fees and expenses				33,947
23	Other services - Associated companies				218
24	Total repairs and other services - Outside		6,516,013	2,187,066	929,649
25	Rentals	6,353,455			623,585
26	Landing fees - Canadian	12,056,741			
27	Foreign				
28	Insurance - P.L., P.D. and traffic liabilities	8,496,178			189,110
29	Employee welfare	2,192,060			2,561,613
30	Injuries, loss and damage	299,554			103,182
31	Advertising and publicity				-
32	Interrupted trip expense				-
33	Uncollectible accounts				-
34	Taxes, other than income and payroll				-
35	Other expenses	37,931			450,922
36	Overhaul provisions - Airframes		64,974		-
37	Aircraft engines		441,281		-
38	Totals	29,435,919	7,022,268	2,187,066	5,821,862
	Depreciation and amortization:				
39	Amortization				-
40	Depreciation - Flight equipment				-
41	Maintenance equipment and hangars				-
42	General ground property				-
43	Grand totals	96,186,817	40,503,431	4,172,480	30,922,839

TABLE 16. Operating Expense Analysis, Canadian Scheduled Carriers — All Services, Year Ended December 31, 1966

Functional classification									No.
Passenger servicing	Aircraft and traffic servicing			Promotions and sales		General administration	Depreciation and amortization	Grand total	
	Aircraft servicing	Traffic servicing	Servicing administration	Reservations and sales	Advertising and publicity				
dollars									
30,932	435,971	33,487	408,153	797,904	47,783	1,369,523	—	4,464,458	1
7,242,301	—	—	—	—	—	—	—	25,950,653	2
—	—	—	—	—	—	—	—	1,090,557	3
—	—	—	—	—	—	—	—	18,099,481	4
—	14,255,462	9,622,548	2,797,696	12,922,493	—	—	—	39,598,199	5
343,219	430,084	9,923	193,280	423,216	—	—	—	9,572,920	6
—	316,128	—	582,140	541,463	—	62,946	—	1,651,260	7
1,578,414	640,972	429,007	1,743,280	6,476,616	844,809	7,569,150	—	30,984,291	8
2,569,292	619,264	269,934	525,848	2,526,173	177,534	474,762	—	9,694,789	9
11,764,158	16,697,881	10,364,899	6,250,397	23,687,865	1,070,126	9,476,381	—	141,106,608	10
—	—	—	—	—	—	—	—	42,883,230	11
—	—	—	—	—	—	—	—	20,647,431	12
—	285,407	—	—	—	—	—	—	1,171,464	13
21,169	163,381	303,623	431,825	993,789	157,755	1,004,059	—	3,348,713	14
12,569,310	—	—	—	—	—	—	—	12,569,310	15
3,365,637	139,330	73,639	511,510	45,012	14,745	11,859	—	4,927,108	16
38,380	—	—	—	—	—	—	—	106,725	17
15,994,496	588,118	377,262	943,335	1,038,801	172,500	1,015,918	—	85,653,981	18
16,809	591,357	467,604	1,163,631	4,423,979	26,364	255,312	—	7,165,791	19
612	57,926	60,482	132,904	140,879	906	51,656	—	1,154,266	20
—	—	—	—	12,877,192	46,036	—	—	12,923,228	21
12,408	5,424	1,771	21,625	233,986	5,870	362,959	—	677,990	22
79	1,799	2,151,870	—	547,656	5,737	413,486	—	3,120,845	23
321,780	3,243,943	2,653,871	1,146,263	412,958	168,055	155,431	—	17,735,029	24
164,554	688,240	1,469,629	841,448	2,085,294	47,042	1,126,428	—	13,399,675	25
—	—	—	—	—	—	—	—	12,056,741	26
—	—	—	—	—	—	—	—	—	27
2,056,156	11,573	72,546	2,086	47,348	20	133,260	—	11,008,277	28
555,029	1,122,862	671,734	416,077	1,550,996	64,350	880,194	—	10,014,915	29
14,195	90,968	232,849	44,429	6,432	—	25,986	—	817,595	30
—	—	—	—	169,021	13,866,399	—	—	14,035,420	31
1,161,845	—	—	—	—	—	—	—	1,161,845	32
—	—	—	—	—	—	505,848	—	505,848	33
—	—	—	—	—	—	1,473,455	—	1,473,455	34
372,006	249,894	929,398	270,581	505,703	80,554	466,321	—	3,363,310	35
—	—	—	—	—	—	—	—	64,974	36
—	—	—	—	—	—	—	—	441,281	37
4,675,473	6,063,986	8,711,754	4,039,044	23,001,444	14,311,333	5,850,336	—	111,120,485	38
—	—	—	—	—	—	—	218,058	218,058	39
—	—	—	—	—	—	—	34,489,818	34,489,818	40
—	—	—	—	—	—	—	2,371,552	2,371,552	41
—	—	—	—	—	—	—	3,103,016	3,103,016	42
32,434,127	23,349,985	19,453,915	11,232,776	47,728,110	15,553,959	16,342,635	40,182,444	378,063,518	43

TABLE 17. Specialty Flying Services, Canadian Carriers — Group I to IV, by Type of Activity 1966

	1966						1965 total	
	Fixed-wing		Helicopters		Total 1966			
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$	No.	\$	No.	\$
Type of activity:								
Flying training	98,381	1,783,308	1,820	154,685	100,201	1,937,993	57,844	1,012,392
Recreation flying	14,855	363,750	1,194	96,948	16,049	460,698	16,273	401,002
Aerial photography and survey	16,301	1,746,228	6,223	818,868	22,524	2,565,096	22,522	2,609,022
Aerial photography	471	34,652	101	8,683	572	43,335	2,064	142,452
Aerial inspection reconnaissance and advertising	12,494	1,508,767	9,144	825,324	21,638	2,334,091	21,951	2,544,007
Aerial application and distribution	6,337	607,484	136	12,335	6,473	619,819	3,167	623,148
Aerial control	1,403	463,567	73	8,545	1,476	472,112	618	49,231
Aerial construction	—	—	223	128,037	223	128,037	79	8,293
Air ambulance and mercy service	—	—	15	2,733	15	2,733	—	—
Aircraft rental	17,046	369,981	—	—	17,046	369,981	1,136	19,682
Non-transportation charter	1,012	242,843	398	20,286	1,410	263,129	815	199,644
Totals	168,300	7,120,580	19,327	2,076,444	187,627	9,197,024	126,469	7,608,873

TABLE 18. Statistical Summary of Canadian Carriers Operating Helicopters, Group I to IV, 1966¹

		1966			1965 total
		Carriers operating helicopters only	Carriers operating helicopters and fixed-wing	Total	
Carriers reporting	No.	17	10	27	22
Helicopter — Owned	"	179	31	210	175
Leased	"	29	4	33	28
Totals	"	208	35	243	203
Revenue hours flown — Unit toll	"	35	—	35	43
Bulk	"	103,279	6,398	109,677	86,728
Specialty	"	10,534	8,793	19,327	20,892
Totals	"	113,848	15,191	129,039	107,663
Non-revenue hours flown	"	7,261	718	7,979	5,904
Fuel and oil consumed:					
Gasoline	gal.	2,264,330	182,182	2,446,512	1,801,588
Cost	\$	1,052,692	83,223	1,135,915	826,058
Oil	gal.	32,402	2,429	34,831	32,440
Cost	\$	58,564	4,056	62,620	56,923
Average number of employees:					
Pilots	No.	202	18	220	192
Administrative	"	81	2	83	66
Maintenance labour	"	207	11	218	172
Other personnel	"	16	—	16	10
Totals	"	506	31	537	440
Salaries and wages:					
Pilots	\$	2,100,631	168,484	2,269,115	1,874,920
Administrative	\$	626,145	18,359	644,504	506,813
Maintenance labour	\$	1,436,062	73,881	1,509,943	1,142,060
Other personnel	\$	67,768	—	67,768	34,399
Totals	\$	4,230,606	260,724	4,491,330	3,558,192

Balance sheet²

Assets		Liabilities	
Current assets:		Current liabilities:	
Cash	930,924	Notes and accounts payable	3,644,465
Accounts receivable	2,264,962	Current portion of long term debt	736,150
Less: reserve for uncollectible accounts	83,115	Accrued taxes	267,436
Materials and supplies	1,100,344	Other and accrued liabilities	127,721
Short term prepayments	293,505	Totals	4,775,772
Other current assets	137,125	Non-current liabilities:	
Totals	4,643,745	Long term debt	2,765,397
Investments	893,171	Other non-current liabilities	864,600
Property and equipment:		Totals	3,629,997
Operating	14,976,398	Deferred credits	52,680
Less: accumulated depreciation	6,530,761	Reserves	—
Non-operating	24,910	Capital stock and surplus:	
Less: accumulated depreciation	7,937	Capital stock issued and outstanding:	
Deferred charges:		Preferred	1,065,909
Long term prepayments	24,136	Common	1,220,807
Other deferred charges	367,460	Other paid-in capital	610,282
Totals	391,596	Unappropriated surplus	3,035,675
Total assets	14,391,122	Totals	5,932,673
		Total liabilities	14,391,122

¹ Statement of income for carriers operating only helicopters available on request.² Carriers operating helicopters only.

TABLE 19. Aircraft Types Owned and Leased by Canadian Carriers Groups I to V, as at January 15, 1967

	Group I and II ¹		Group III ¹		Group IV		Group V		Total	
	Owned	Leased	Owned	Leased	Owned	Leased	Owned	Leased	Owned	Leased
	number									
Carriers reporting	6		25		63		275		369	
Helicopters	1	1	146	12	72	11	27	2	246	26
Turbo jets	24	6	—	—	—	—	—	—	24	6
Turbo props:										
300,001 lb. and over	—	—	—	—	—	—	—	—	—	—
150,001 - 300,000 lb.	—	—	—	—	—	—	—	—	—	—
100,001 - 150,000 "	23	—	—	—	—	—	—	—	23	—
50,001 - 100,000 "	40	—	—	—	1	—	—	—	41	—
50,000 lb. and under	6	2	1	—	2	—	1	—	10	2
Totals	69	2	1	—	3	—	1	—	74	2
Piston engine:										
Four engines:										
130,001 lb. and over	8	1	4	—	—	—	2	—	14	1
100,001 - 130,000 lb.	1	2	—	—	—	—	—	—	1	2
70,001 - 100,000 "	10	—	6	1	—	—	—	—	16	1
50,001 - 70,000 "	—	—	1	—	—	—	—	—	1	—
50,000 lb. and under	—	—	—	—	1	—	—	—	1	—
Totals	19	3	11	1	1	—	2	—	33	4
One or two engines:										
40,001 lb. and over	7	—	4	2	1	—	—	—	12	2
25,001 - 40,000 lb.	21	11	30	5	6	1	5	—	62	17
20,001 - 25,000 "	—	—	—	—	—	—	—	—	—	—
15,001 - 20,000 "	—	—	18	—	2	1	—	—	20	1
10,001 - 15,000 "	1	—	3	1	3	1	—	1	7	3
7,501 - 10,000 "	11	3	52	5	53	7	19	2	135	17
5,001 - 7,500 "	15	—	73	3	59	17	63	11	210	31
4,001 - 5,000 "	1	—	9	1	21	7	14	8	45	16
3,001 - 4,000 "	—	2	22	6	42	6	71	21	135	35
2,001 - 3,000 "	1	3	56	8	135	17	301	65	493	93
2,000 lb. and under	—	2	13	—	89	7	341	53	443	62
Totals	57	21	280	30	411	64	814	161	1,562	277
Grand totals	170	33	438	43	487	75	844	163	1,939	315

¹ Nordair Ltd. included with Group III carriers for purposes of this report.TABLE 20. Accidents to Aircraft of Canadian Registry, Apparent Cause by Type of Operation, 1966¹

Type of operation	Apparent cause of accidents												
	Personnel			Material failure					Weather	Landing surface	Miscellaneous	Un-determined	Grand total
	Errors of pilots	Errors of other personnel or crew members	Total	Power plant	Air frame	Landing gear	Equipment and accessories	Total					
number													
Commercial operations:													
Scheduled:													
Domestic	—	—	—	1	—	—	—	1	—	—	—	—	1
International	2	—	2	—	—	—	—	—	—	—	—	—	2
Non-scheduled:													
Domestic	65	9	74	8	1	5	—	14	3	4	—	6	101
International	—	—	—	—	—	—	—	—	—	—	—	—	—
Contract	—	—	—	—	—	—	—	—	—	—	—	—	—
Specialty:													
Flying training	22	1	23	—	—	3	—	3	—	1	—	—	27
Recreational flying	21	2	23	1	—	—	—	1	—	1	—	1	26
Aerial photography and survey	1	1	2	—	—	—	—	—	—	—	—	1	3
Aerial patrol and inspection	5	—	5	—	—	—	—	—	—	1	—	1	7
Aerial pest control	6	—	6	—	—	—	—	—	—	—	—	—	6
Geophysical survey	2	—	2	—	—	—	—	—	—	—	—	1	3
Forest fire protection	1	—	1	—	—	—	—	—	1	—	—	—	2
Other	—	—	—	1	—	—	—	1	—	—	—	—	1
Totals, commercial operations	125	13	138	11	1	8	—	20	4	7	—	10	179
Non-commercial operations:													
Flying clubs:													
Flying training	14	1	15	1	1	1	—	3	—	—	1	—	19
Recreational flying	8	—	8	1	—	—	—	1	—	—	—	1	10
Private:													
Company business	27	1	28	4	—	1	—	5	—	1	—	—	34
Test	7	2	9	1	—	—	—	1	—	—	—	1	11
Training-check	12	1	13	1	—	—	—	1	—	—	—	—	14
Recreational flying	119	7	126	6	2	3	—	11	2	2	1	2	144
Aerial pest control	2	—	2	—	—	—	—	—	—	—	1	—	3
Other	3	—	3	—	—	—	—	—	—	—	—	—	3
Miscellaneous: ²													
Ferry	—	—	—	—	—	—	—	—	—	—	—	—	—
Positioning	—	—	—	—	—	—	—	—	—	1	—	—	1
State	1	—	1	—	—	—	—	—	1	1	—	1	4
Missing enroute	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals, non-commercial operations	193	12	205	14	3	5	—	22	3	5	3	5	243
Grand totals	318	25	343	25	4	13	—	42	7	12	3	15	422

¹ As reported by Civil Aviation Branch, Department of Transport.² Includes accident occurring during non-revenue flights of commercial aircraft.

TABLE 21. Accidents to Aircraft of Canadian Registry, Casualties by General Type of Operation, 1965 and 1966¹

Accidents and casualties	General type of operations					
	Commercial		Non-commercial ²		Total	
	1966	1965	1966	1965	1966	1965
Total accidents	208	143	214	205	422	348
Fatal accidents	34	18	30	30	64	48
Casualties:						
Pilot:						
Killed	30	14	27	28	57	42
Seriously injured	15	10	13	23	28	33
Co-pilot:						
Killed	3	2	—	2	3	4
Seriously injured	—	1	—	1	—	2
Flight engineer:						
Killed	—	2	—	—	—	2
Seriously injured	—	—	—	—	—	—
Cabin attendant:						
Killed	7	4	—	—	7	4
Seriously injured	—	—	—	—	—	—
Other crew:						
Killed	—	—	—	1	—	1
Seriously injured	—	—	—	—	—	—
Passengers:						
Killed	84	58	19	17	103	75
Seriously injured	26	12	19	19	45	31
Third party:						
Killed	1	1	—	1	1	2
Seriously injured	1	1	—	—	1	1
Totals:						
Killed	125	81	46	49	171	130
Seriously injured	42	24	32	43	74	67

¹ As reported by Civil Aviation Branch, Department of Transport.² Includes flying clubs, private and state flying as well as non-revenue flights of commercial aircraft.TABLE 22. Personnel and Airport Licenses In Force and Aircraft Registered as of December 31, 1965 and 1966¹

Personnel	In force December 31, 1966	In force December 31, 1965	Aircraft registered	Total December 31, 1966	Total December 31, 1965
	number			number	
Pilots:			Commercial	2,253	2,073
Glider	917	823	Private	5,499	4,990
Private	18,711	16,831	State	203	200
Commercial	3,550	2,835	Commercial (restricted)	76	64
Senior commercial	405	359	Ultra light	240	181
Airline transport	1,749	1,533	Experimental	20	21
Totals	25,332	22,381	Private (restricted)	19	13
Air navigators	171	128	Totals	8,310	7,542
Air traffic controllers	813	782	Airports		
Flight engineers	65	59	In force December 31, 1966		In force December 31, 1965
Aircraft maintenance engineers	2,539	2,369	Number of airports		711
					698

¹ As reported by Civil Aviation Branch, Department of Transport.

CIVIL AVIATION DEFINITIONS

Bulk transportation	(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4). (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Cargo, Air	Air freight and air express (excluding mail and excess baggage).
Carrier, Air	One authorized to operate aircraft in or over Canada for hire or reward.
Carrier, non-scheduled	Carriers not operating any scheduled (Class 1) service.
Carrier, scheduled	Carriers serving designated points in accordance with a service schedule and at a toll per unit.
Express, Air	A package service operated only within the U.S.A. and Canada; the rates cover door-to-door service. Because Air Express shipments take priority over Air Freight they command higher rates.
Freedoms of the air:	
First freedom	The privilege to fly over the territory of a foreign country without landing.
Second freedom	The privilege to land on the territory of a foreign country for non-traffic purposes.
Third freedom	The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
Fourth freedom	The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
Fifth freedom	The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.
Freight, Air	Articles carried on unit toll flights at standard per pound rates or as bulk transportation.
Goods, revenue	Air cargo (freight and express) plus mail and excess baggage.
Group I carriers	Canadian Air Carriers licensed to perform both domestic and international scheduled services, (Air Canada and Canadian Pacific Air Lines Ltd.).
Group II carriers	Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.
Group III carriers	Canadian Air Carriers, licensed to perform non-scheduled services, with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
Group IV carriers	Canadian Air Carriers, licensed to perform non-scheduled services, with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
Group V carriers	Canadian Air Carriers, licensed to perform non-scheduled services, with gross annual flying revenues of less than \$100,000.
Interline traffic:	
Divisional interline	Passengers and goods received from other operating divisions of the same carrier.
Domestic interline	Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
Foreign interline	Passengers and goods received by a carrier from Foreign Air Carriers.
International Services:	
Pacific and Orient Services	Services between Canada and points in the Pacific Ocean, Orient and Australasia.
Southern Services	Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
Trans-Atlantic and Polar Services	Services between Canada and Europe.
Trans-border Services	Services between Canada and the United States except Hawaii.
Load capacity available	Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.
Miles	Statute miles of 5,280 ft.
Passenger	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.
Non-revenue passenger	A person (including company personnel other than crew) carried on a revenue transportation flight for whom no fare is collected.
Revenue passenger	A child or adult for whom a fare or part of a fare is paid.
Passenger load-factor	Ratio of revenue passenger-miles performed to available seat-miles.
Passenger-mile	The transportation of one passenger one mile.

CIVIL AVIATION DEFINITIONS — Concluded

Seat-miles available:	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.
Specialty Flying Services:	Non-transportation flying services such as flying training, aerial photography, and aerial inspection.
Tons	Short tons of 2,000 lbs.
Ton-miles	The transportation of one ton of goods one mile or any combination of weight in pounds and number of miles flown the product of which is 2,000.
Ton-miles available	Available load capacity multiplied by miles flown on each inter-station flight.
Unit toll transportation	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none"> (i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and (ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
Weight load factor	Ratio of revenue ton-miles performed to available ton-miles.



CIVIL AVIATION
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CIVIL AVIATION

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CHART - A

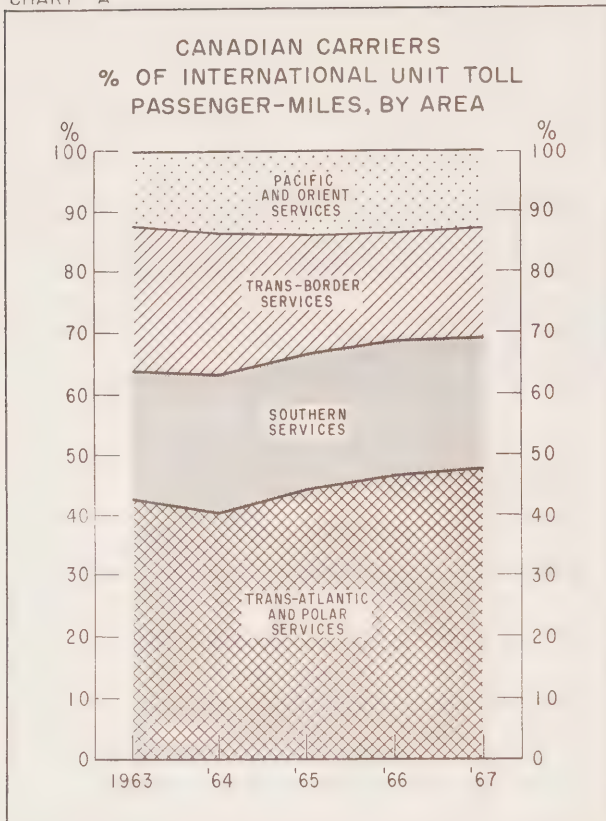


CHART - B

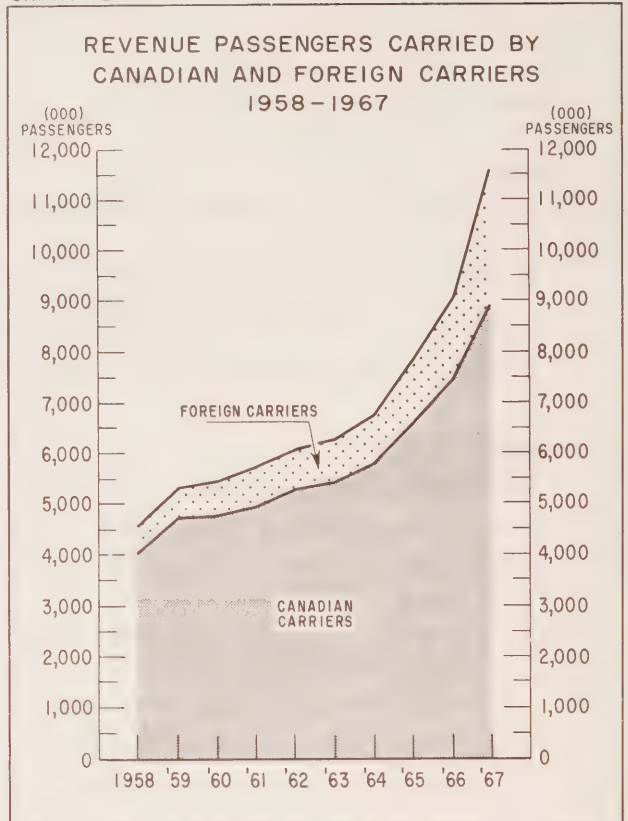


CHART - C

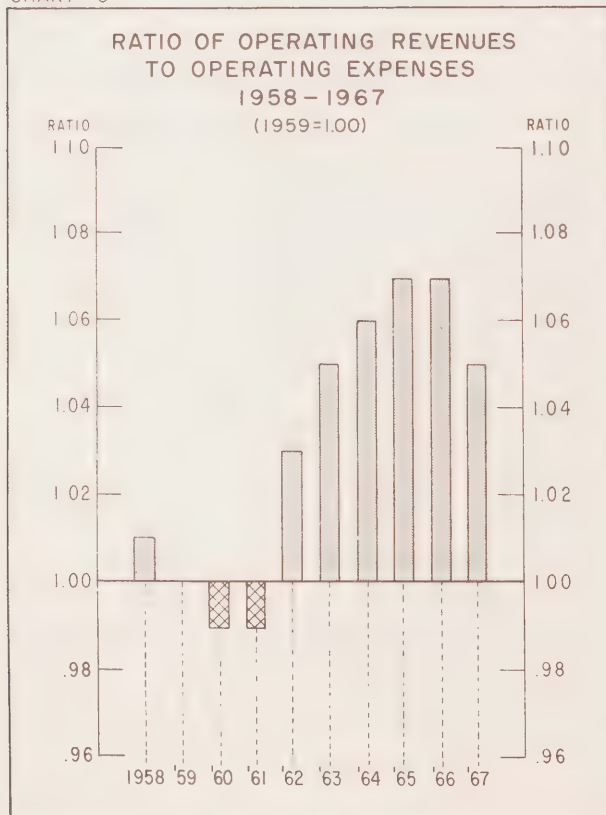
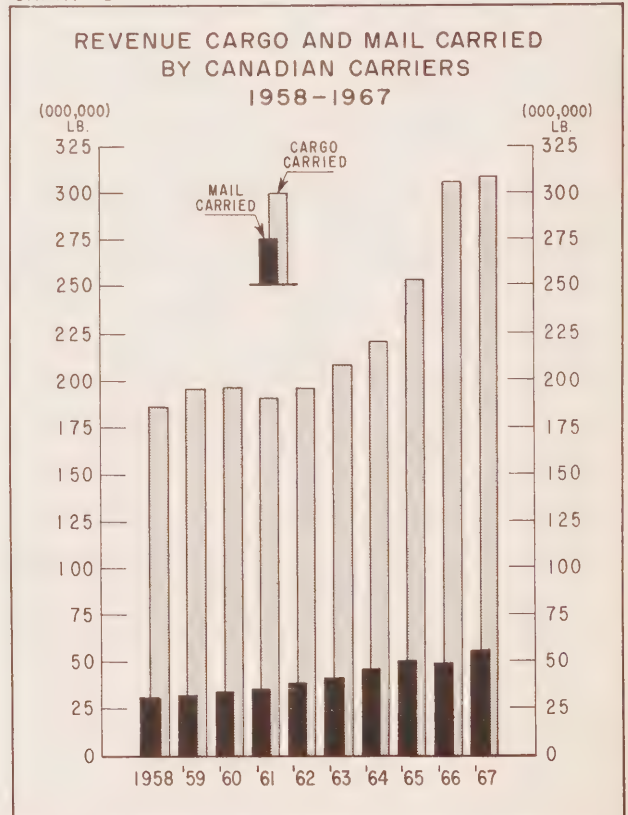


CHART - D



CIVIL AVIATION

1967

The figures presented in this publication cover the operating and financial data submitted by Canadian carriers and foreign air carriers operating scheduled services between Canada and other countries. Statistics of Canadian airlines include both their domestic and international flights while figures for foreign companies cover their hours and miles flown over Canadian territory only. Passengers and goods in transit through Canada are not included. Because the coverage given to Canadian airlines differs from that given to foreign airlines the statistics shown under similar headings are not directly comparable.

In this report, Canadian air carriers have been divided into five groups based on gross annual flying revenues and the type of service (scheduled or non-scheduled) performed. Definitions of these groups and of other terms used are given on the last two pages of the publication. The number of Canadian carriers which submitted annual reports for 1967 in each group is as follows:

Group I	2
Group II	4
Group III	31
Group IV	76
Group V	275
Total	388

The total number of air carriers reporting varies slightly from year to year, chiefly because of entires, withdrawals and amalgamations of small air carriers. Changes in the number of small firms are of little significance in the total figures for all categories but there can be significant changes within groups and from one group to another depending upon the activities of individual companies. These changes tend to produce distortions in comparisons of specific groups over a period of years.

Because Nordair Ltd. did not operate Class I services during 1967 it is included in Group III for statistical purposes, even though it is comparable in gross revenue to the carriers in Group II.

Since Group V carriers file reports on a quarterly basis only, data on their operations are not available for monthly publication but are shown in a special table in the monthly report for March, June, September and December. This Group V information is not included in totals for all carriers shown in other tables throughout the report. To be consistent with the monthly publication this practice has been continued in the annual report. Although they are by far the largest group in terms of numbers, the Group V carriers are not significant in terms of revenue; their reported operating revenues usually amount to less than 4 per cent of the total operating revenues of all Canadian carriers.

In Table 7 domestic and international operations of Canadian carriers are shown separately. All other tables show totals for all areas of service.

Wherever it is practical to do so, figures for services sold on a unit toll basis are subdivided into scheduled operations and non-scheduled operations. However, a complete breakdown is not possible because some air carriers offer both types of service on the same route. In such cases the route is designated scheduled or non-scheduled according to the type of service which predominates.

Financial statistics of Canadian carriers which are shown in Tables 8 to 16 are collected and compiled according to definitions and procedures outlined in a set of manuals entitled "Uniform System of Accounts and Reports for Commercial Air Carriers".

Review of 1967 Operations

The major event of 1967 which affected the operations and financial position of the air transport industry in Canada was the World's Fair "Expo 67" in Montreal. The construction of buildings and facilities for the exposition involved substantial movements of goods and furnishings as well as staff and personnel from foreign countries. During the period when the fair was open traffic flows to and from Montreal were exceptionally high. Visiting journalists, performers, dignitaries and tourists travelled from points around the globe to see the fair and other events associated with the celebrations of the centenary of Canadian confederation.

Figures contained in air carrier statistical reports for 1967 reflect the expansion in business over the previous year. In addition to increased activity and a growth in revenues the major airlines experienced rapidly rising costs which resulted in a decline in net income. Carriers in reporting Group III showed increased net income while those in Group IV showed a decline.

Totals for the approximately 115 air carriers in reporting Groups I-IV indicate that although operating revenues increased by 18.2 per cent to \$544.5 million from the year before, operating expenses rose by 20.0 per cent to \$517.3 million. As a result operating income for 1967 fell by 7.5 per cent to \$27.2 million and net income after income taxes was lower by 26.6 per cent at \$10.2 million than in 1966. The six major carriers accounted for this decline in overall industry totals; net income for the six companies in financial Groups I and II fell by more than \$5 million. Results for the thirty one companies reporting in financial Group III showed an increase in net income in 1967 of \$1.9 million while the carriers in Group IV showed a decrease of \$0.4 million from the previous year.

The interest generated in travel to Canada during 1967 can be seen from the fact that Canadian airlines reported an increase of 18.5 per cent in the number of passengers carried on scheduled international flights. Foreign airlines operating scheduled services to Canada experienced an even sharper increase in passenger traffic as totals rose by 69.7 per cent to \$2.6 million. These foreign airlines also showed a gain of 19.9 per cent in the weight of goods carried on scheduled services.

Specialty flying services provided by small carriers increased sharply during the year. Fixed-wing aircraft specialty flying increased by 60,000 hours and \$2.5 million in revenues. The largest single item of increase was in flying training which grew by 43,000 hours and \$1 million in revenues.

Helicopter flying activities (charter and specialty) increased by more than 10,000 hours with specialty flying accounting for more than 8,000 of this growth. Carriers operating helicopters exclusively reported a slight increase in operating income but experienced a decline in net income of almost \$150,000. The number of carriers reporting in Group V decreased from 302 carriers in 1966 to 275 carriers reporting in 1967. However, these carriers reported

flying an additional 33,000 hours. Most of their business was in some type of specialty activity but more than 112,000 transportation flying hours were also reported.

At the year end, the total assets reported by Canadian carriers were valued at \$570,882,400. This amount was more than \$120 million greater than at December 31, 1966. Expansion and improvement of services with larger, more modern aircraft and group equipment accounted for a large proportion of this increase.

Accidents

The report entitled "Accidents to Canadian Registered Aircraft" published by the Department of Transport contains a list of the number of accidents showing casualties according to the type of aircraft operation. In 1967 there were 472 reported accidents or 50 more than in 1966. In spite of the larger number of accidents there were 154 people killed or 17 fewer than in the previous year. Of these fatalities 68 were in commercial air services and 86 were in non-commercial operations. Commercial operations showed 37 accidents involving fatalities while non-commercial operations accounted for 47.

SYMBOLS

The following standard symbols are used in Dominion Bureau of Statistics publications:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- amount too small to be expressed.
- p preliminary figures.
- r revised figures.

TABLE 1. Statistical Summary of Commercial Aviation in Canada, 1962-1967

	1967	1966	1965	1964	1963	1962
Canadian carriers — Group I to IV						
Revenue operations						
Unit toll services:						
Hours flown	No. 447,599	376,783	335,379	300,798	298,655	312,395
Miles flown	" 123,838,207	100,158,972	86,334,027	76,404,782	75,746,629	76,040,318
Passengers carried	" 8,157,263	6,737,425	5,939,267	5,197,579	4,864,855	4,792,409
Cargo and excess baggage carried	lb. 190,785,392	181,254,830	147,004,678	117,497,668	99,063,385	93,064,818
Mail carried	" 55,445,778	49,019,825	50,440,235	46,804,224	41,892,927	38,430,775
Passenger-miles	No. 6,935,143,376	5,606,619,064	4,731,304,865	3,939,075,129	3,623,020,400	3,463,727,291
Cargo and excess baggage ton-miles	" 128,039,194	111,563,285	88,228,205	69,038,182	53,618,163	45,427,320
Mail ton-miles	" 28,725,430	24,844,304	21,772,396	18,952,877	17,530,240	15,289,672
Bulk services:						
Hours flown	" 397,656	376,017	319,926	263,541	250,988	230,525
Miles flown	" 36,654,316	34,899,847	30,903,936	27,046,832	26,818,278	23,277,049
Passengers carried	" 790,587	724,262	631,182	584,509	562,489	476,390
Freight carried	lb. 120,603,513	126,826,164	108,947,834	106,124,248	110,102,115	105,082,430
Passenger-miles ¹	No. 392,103,899	376,714,577	464,825,765	469,807,322	..	..
Goods ton-miles ¹	" 13,330,317	11,461,634	13,507,018	17,839,881	..	..
Other flying services (specialty):						
Hours flown	" 255,694	187,634	126,469	97,169	80,930	83,382
Total, all services:²						
Hours flown ²	" 1,100,949	940,434	781,774	661,508	630,573	626,302
Miles flown	" 160,492,523	135,058,819	117,237,963	103,451,614	102,564,907	99,317,367
Passengers carried	" 8,947,850	7,461,687	6,570,449	5,782,088	5,427,344	5,268,799
Cargo and excess baggage carried	lb. 311,388,905 ⁴	308,080,994	255,952,512	223,621,916	209,165,500	198,147,248
Goods carried ³	" 366,834,683	357,100,819	306,392,747	270,426,140	251,058,427	236,578,023
Passenger-miles	No. 7,327,247,275	5,983,333,641	5,196,130,630	4,408,882,451	..	..
Goods ton-miles	" 170,094,941	147,869,223	123,507,619	105,830,940	..	..
Non-revenue operations						
Hours flown	" 44,817	42,691	29,898	21,363	21,738	25,882
Passengers carried	" 47,022	40,808	38,336	36,026	..	..
Goods carried ³	lb. 3,047,739	3,420,766	3,353,674	3,196,432	..	..
Passenger-miles	No. 290,276,354	254,032,603	224,745,710	207,986,297	203,399,987	176,277,219
Goods ton-miles	" 8,746,168	8,649,711	7,995,872	7,709,768	6,601,370	6,449,798
Selected revenue and expense items:						
Fuel	gal. 348,327,974	292,926,470	249,336,707	218,042,305	207,490,519	191,343,196
Cost	\$ 54,341,529	47,041,340	40,536,285	36,169,043	34,939,058	31,993,476
Oil	gal. 481,991	457,607	395,347	343,128	405,999	310,015
Cost	\$ 1,134,880	1,015,553	895,341	822,091	793,547	765,871
Average number of employees	No. 24,686	21,440	19,007	17,795	17,577	17,810
Salaries and wages paid	\$ 186,901,990	151,137,835	129,774,695	116,465,350	108,538,372	105,636,970
Operating revenues	\$ 543,609,778	460,739,579	392,806,566	334,930,874	308,835,913	284,618,321
Operating expenses	\$ 516,076,330	431,382,156	368,207,884	315,569,629	294,142,170	277,333,944
Operating income (loss)	\$ 27,533,448	29,357,423	24,598,682	19,361,245	14,693,743	7,284,377
Net income or deficit after income taxes	\$ 11,070,240	13,866,452	13,181,834	8,393,110	1,390,060	Dr. 4,597,327
Canadian and foreign carriers⁵						
Revenue operations						
Hours flown (all services)	No. 1,128,736	963,067	801,129	679,784	646,956	642,284
Miles flown (transportation services)	" 171,195,228	143,589,016	124,448,003	110,138,322	108,282,021	104,851,093
Passengers carried (transportation services)	" 11,596,102	9,023,691	7,838,539	6,774,652	6,278,298	6,064,074
Cargo and excess baggage carried (transportation services)	lb. 374,183,884	359,719,124	291,499,029	250,789,269	229,636,108	218,487,619
Mail carried (transportation services)	" 61,666,351	53,929,067	54,677,855	50,705,488	45,210,723	41,596,384
Passenger-miles (unit toll transportation)	No. 7,558,559,689	6,025,992,516	5,065,493,215	4,200,293,067	3,832,248,493	3,666,655,321
Cargo and excess baggage (unit toll transportation) ton-miles	" 146,446,329	124,594,946	97,177,466	75,908,279	58,747,717	50,045,948
Mail ton-miles (unit toll transportation)	" 30,589,694	25,887,527	22,735,329	19,897,070	18,302,847	15,995,107

¹ Not reported for aircraft of less than 18,000 lb. take-off weight.² All services excludes specialty flying services except for number of hours flown.³ Freight, express, excess baggage and mail.⁴ Excess baggage not reported by Air Canada.⁵ See Introduction, page 5. (Statistics of Canadian airlines includes both domestic and international flights while figures for foreign carriers cover hours and miles flown over Canadian territory only).

TABLE 2. Operating Statistics, Canadian Carriers, Group I to IV and Foreign Carriers, 1967

	Canadian carriers ¹					Foreign carriers ¹		Grand total all carriers
	Scheduled carriers	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other foreign carriers ³	
	Group I and II	Group III ²	Group IV	Total				
Number of carriers reporting.....	6	31	76	107	113	11	11	135
Revenue operations								
Unit toll services:								
Departures..... No.	284,662	31,370	28,454	59,824	344,486			
Hours flown.....	399,047	33,508	15,044	48,552	447,599	5,802	20,930	474,331
Miles scheduled.....	112,130,251	...	...	...	112,130,048	1,902,084	8,485,400	122,517,532
Miles flown: ⁴								
Scheduled services.....	114,509,859	...	...	...	114,509,859	1,882,852	8,455,035	124,847,746
Non-scheduled services.....	2,596,792	4,708,456	2,023,100	6,731,556	9,328,348			9,328,348
Totals.....	117,106,651	4,708,456	2,023,100	6,731,556	123,838,207	1,882,852	8,455,035	134,176,094
Passengers carried.....	7,971,450	126,669	59,144	185,813	8,157,263	1,911,778	678,088	10,747,129
Goods carried:								
Cargo..... lb.	178,650,898	7,769,178	1,994,929	9,764,107	188,415,005	21,901,704	40,665,122	253,352,218
Excess baggage ⁵	1,740,697	565,188	64,502	629,690	2,370,387			
Mail.....	52,253,031	2,453,291	739,456	3,192,747	55,445,778	3,241,631	2,978,942	61,666,351
Totals.....	232,644,626	10,787,657	2,798,887	13,586,544	246,231,170	25,143,335	43,644,064	315,018,569
Passenger-miles..... No.	6,902,390,357	25,439,793	7,313,226	32,753,019	6,935,143,376	80,280,688	543,135,625	7,558,559,689
Goods ton-miles:								
Cargo.....	124,530,756	2,369,303	139,530	2,508,833	127,039,589	596,456	17,810,679	146,446,329
Excess baggage.....	881,040	111,702	6,863	118,565	999,605			
Mail.....	28,029,565	628,482	67,383	695,865	28,725,430	67,278	1,796,986	30,589,694
Totals.....	153,441,361	3,109,487	213,776	3,323,263	156,764,624	663,734	19,607,665	177,036,023
Bulk services:								
Departures.....	19,071	136,741	180,136	316,877	335,948			
Hours flown.....	29,271	210,993	157,392	368,385	397,656	213	842	398,711
Miles flown.....	5,142,852	15,953,961	15,557,503	31,511,464	36,654,316	48,480	316,338	37,019,134
Passengers carried.....	130,800	317,305	342,482	659,787	790,587	20,075	38,311	848,973
Freight carried..... lb.	19,535,247	66,299,006	34,769,260	101,068,266	120,603,513	133,076	95,077	120,831,666
Passenger-miles ⁶ No.	218,364,126	168,739,401	5,000,372	173,739,773	392,103,899			
Goods ton-miles ⁶	5,471,910	7,550,665	307,742	7,858,407	13,330,317			
Other flying services (specialty):								
Hours flown.....	3,585	118,745	133,364	252,109	255,694	—	—	255,694
Total—All services: ⁷								
Departures.....	303,733	168,111	208,590	376,701	680,434			
Hours flown.....	431,903	363,246	305,800	669,046	1,100,949	6,015	21,772	1,128,736
Miles flown.....	122,249,503	20,662,417	17,580,603	38,243,020	160,492,523	1,931,332	8,771,373	171,195,228
Passengers carried.....	8,102,253	443,974	401,626	845,600	8,947,850	1,931,853	716,399	11,596,102
Cargo carried ⁵ lb.	198,186,145	74,068,184	36,764,189	110,832,373	311,388,905	22,034,780	40,760,199	374,183,884
Goods carried ⁵	252,179,873	77,086,663	37,568,147	114,654,810	366,834,683	25,276,411	43,739,141	435,850,235
Passenger-miles..... No.	7,120,754,483	194,179,194	12,313,598	206,492,792	7,327,247,275			
Goods ton-miles.....	158,913,271	10,660,152	521,518	11,181,670	170,094,941			
Non revenue operations								
Hours flown.....	20,785	13,741	10,291	24,032	44,817	111	61	44,983
Passengers carried ⁵	45,272	1,610	140	1,750	47,022	33,845	11,781	92,648
Goods carried ⁵ lb.	2,626,517	417,307	3,915	421,222	3,047,739	400,372	1,250,495	4,698,606
Passenger-miles..... No.	288,635,558	1,627,206	13,590	1,640,796	290,276,354	1,497,273	8,737,187	300,510,814
Goods ton-miles.....	8,478,092	267,746	330	268,076	8,746,168	10,940	818,665	9,575,773
Selected expense items								
Turbo fuel:								
Quantity..... gal.	312,490,651	3,470,446	509,488	3,979,934	316,470,585	12,443,400	59,969,881	388,883,866
Cost..... \$	41,506,084	721,177	148,793	869,970	42,376,054	1,988,218	9,169,479	53,533,751
Gasoline:								
Quantity..... gal.	15,772,300	11,488,574	4,596,515	16,085,089	31,857,389	149,817	27,061	32,034,267
Cost..... \$	5,158,978	4,712,476	2,094,021	6,806,497	11,965,475	36,829	6,294	12,008,598
Oil consumed:								
Turbo aircraft:								
Quantity..... gal.	72,979	805	1,058	1,863	74,842	2,062	1,229	78,133
Cost..... gal.	569,745	6,701	3,092	9,793	579,538	12,407	11,841	603,786
Other aircraft:								
Quantity..... gal.	169,791	157,559	79,799	237,358	407,149	—	210	407,359
Cost..... \$	188,448	235,917	130,977	366,894	555,342	—	228	555,570
Average number of employees:								
Pilots and co-pilots..... No.	1,613	583	452	1,035	2,648			
Other flight personnel.....	1,905	65	46	111	2,016			
General management.....	385	179	128	307	692			
Maintenance labour.....	4,367	597	334	931	5,298			
Aircraft and traffic servicing.....	7,416	195	71	266	7,682			
Other personnel.....	5,770	295	285	580	6,350			
Totals.....	21,456	1,914	1,316	3,230	24,686	544	776	26,006
Salaries and wages paid:								
Pilots and co-pilots..... \$	23,837,354	6,050,360	3,668,704	9,719,064	33,556,418			
Other flight personnel.....	11,411,647	361,282	282,514	643,796	12,055,443			
General management.....	4,994,439	1,778,116	978,653	2,756,769	7,751,208			
Maintenance labour.....	33,142,597	3,927,267	1,899,239	5,826,506	38,969,103			
Aircraft and traffic servicing.....	48,503,207	1,013,760	290,131	1,303,891	49,807,098			
Other personnel.....	41,835,523	1,457,143	1,470,054	2,927,197	44,762,720			
Totals..... \$	163,724,767	14,587,928	8,589,295	23,177,223	186,901,990	3,859,585	5,435,445	196,197,020

¹ See Introduction, page 5.² Nordair Ltd. included with Group III carriers for purposes of this report.³ Includes fifth freedom traffic between United States and Canada.⁴ Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.⁵ Excludes Air Canada.⁶ Not reported for aircraft of less than 18,000 lb. take-off weight.⁷ "All services" excludes "Specialty flying services" except for number of hours flown.

TABLE 3. Statement of Income, Canadian Carriers — All Services, by Revenue Group, Year Ended December 31, 1967

	Scheduled carriers			Non-scheduled carriers			Grand total	Grand total 1966
	Group I	Group II ¹	Total	Group III ¹	Group IV	Total		
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	375,219,126	18,622,470	393,841,596	3,530,468	1,273,771	4,804,239	398,645,835	331,115,475
Express	6,898,553	453,803	7,352,356	61,913	44,084	105,997	7,458,353	6,964,099
Freight	26,205,827	2,906,399	29,112,226	1,571,554	124,029	1,695,583	30,807,809	27,709,544
Excess baggage	1,861,480	305,298	2,166,778	122,532	9,295	131,827	2,298,605	2,033,189
Mail	20,641,619	1,944,100	22,585,719	848,813	152,188	1,001,001	23,586,720	20,577,979
Total unit toll transportation	430,826,605	24,232,070	455,058,675	6,135,280	1,603,367	7,738,647	462,797,322	388,400,286
Bulk transportation	4,684,723	7,193,316	11,878,039	32,180,514	14,286,845	46,467,359	58,345,398	54,914,821
Total transportation	435,511,328	31,425,386	466,936,714	38,315,794	15,890,212	54,206,006	521,142,720	443,315,107
Other flying services	43,268	1,510,688	1,553,956	7,126,755	4,700,995	11,827,750	13,381,706	9,221,751
Total flying services	435,554,596	32,936,074	468,490,670	45,442,549	20,591,207	66,033,756	534,524,426	452,536,858
Non-flying services	5,826,956	746,206	6,573,162	1,751,314	1,693,625	3,444,939	10,018,101	8,202,721
Total operating revenue	441,381,552	33,682,280	475,063,832	47,193,863	22,284,832	69,478,695	544,542,527	460,739,579
Operating expenses:								
Flying operations	103,718,919	10,517,210	114,236,129	19,584,779	9,492,691	29,077,470	143,313,599	118,873,283
Maintenance	79,287,916	9,695,774	88,983,690	12,123,705	5,367,016	17,490,721	106,474,411	90,149,499
General services and administration:								
Passenger service	41,346,939	1,597,515	42,944,454	..	..	..	..	..
Aircraft and traffic servicing	61,563,772	4,374,665	65,938,437	..	..	..	..	..
Promotion and sales	73,195,598	2,387,771	75,583,369	..	..	..	..	..
General administration	18,304,649	2,306,037	20,610,686	..	..	..	..	..
Totals	194,410,958	10,665,988	205,076,946	8,426,015	4,036,812	12,462,827	217,539,773	176,872,833
Depreciation and amortization	41,663,695	2,502,658	44,166,353	3,542,834	2,298,456	5,841,290	50,007,643	45,486,541
Total operating expenses	419,081,488	33,381,630	452,463,118	43,677,333	21,194,975	64,872,308	517,335,426	431,382,156
Operating income (loss)	22,300,064	300,650	22,600,714	3,516,530	1,089,857	4,606,387	27,207,101	29,357,423
Non-operating income—Net:								
Capital gains and losses	258,647	316,586	575,233	605,893	220,321	826,214	1,401,447	1,216,659
Interest and discounts	6,037,247	124,173	6,161,420	178,430	10,387	188,817	6,350,237	4,632,165
Miscellaneous non-operating income	Dr. 153,539	24,146	Dr. 129,393	405,516	118,774	524,290	394,897	395,219
Income before interest expense	28,442,419	765,555	29,207,974	4,706,369	1,439,339	6,145,708	35,353,682	35,601,466
Interest expense	15,620,358	1,503,961	17,124,319	1,039,717	658,502	1,698,219	18,822,538	15,471,054
Income before income taxes	12,822,061	Dr. 738,406	12,083,655	3,666,652	780,837	4,447,489	16,531,144	20,130,412
Provision for income taxes	5,880,000	—	5,880,000	234,577	215,345	449,922	6,329,922	6,263,960
Net income after income taxes	6,942,061	Dr. 738,406	6,203,655	3,432,075	565,492	3,997,567	10,201,222	13,866,452

¹ Nordair Ltd. included with Group III carriers for purposes of this report.

TABLE 4. Statement of Income, Canadian Scheduled Carriers — All Services, by Company, Year Ended December 31, 1967

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair Inc.	TransAir Ltd.	Total	Total 1966
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	295,553,183	79,665,943	2,818,534	8,423,809	4,537,604	2,842,523	393,841,596	327,593,302
Express	6,265,123	633,430	102,033	254,202	—	97,568	7,352,356	6,896,086
Freight	19,741,870	6,463,957	909,712	1,155,821	611,499	229,367	29,112,226	26,219,860
Excess baggage	1,332,668	528,812	47,341	156,958	82,553	18,446	2,166,778	1,934,414
Mail	14,223,472	6,418,147	740,938	653,390	166,964	382,808	22,585,719	19,832,040
Total unit toll transportation	337,116,316	93,710,289	4,618,558	10,644,180	5,398,620	3,570,712	455,058,675	382,475,702
Bulk transportation	4,129,762	554,961	1,696,633	3,719,174	54,468	1,723,041	11,878,039	14,742,956
Total transportation	341,246,078	94,265,250	6,315,191	14,363,354	5,453,088	5,293,753	466,936,714	397,218,658
Other flying services	43,268	—	940,420	570,268	—	—	1,553,956	619,063
Total flying services	341,289,346	94,265,250	7,255,611	14,933,622	5,453,088	5,293,753	468,490,670	397,837,721
Non-flying services	4,321,874	1,505,082	257,921	—	45,921	442,364	6,573,162	5,241,058
Total operating revenue	345,611,220	95,770,332	7,513,532	14,933,622	5,499,009	5,736,117	475,063,832	403,078,779
Operating expenses:								
Flying operations	72,626,086	31,092,833	2,251,303	4,352,097	1,918,220	1,995,590	114,236,129	96,186,817
Maintenance	66,931,006	12,356,910	2,403,782	3,631,461	1,657,525	2,003,006	88,983,690	75,598,754
General services and administration:								
Passenger service	31,919,223	9,427,716	280,728	813,109	214,331	289,347	42,944,454	32,434,124
Aircraft and traffic servicing	50,982,145	10,581,627	1,471,662	2,095,121	441,950	365,932	65,938,437	54,036,677
Promotion and sales	53,403,385	19,792,213	189,884	642,001	905,810	650,076	75,583,369	63,282,068
General administration	14,164,160	4,140,489	454,537	989,445	429,359	432,696	20,610,686	16,342,635
Totals	150,468,913	43,942,045	2,396,811	4,539,676	1,991,450	1,738,051	205,076,946	166,095,504
Depreciation and amortization	39,705,284	1,958,411	639,918	1,332,776	276,278	253,686	44,166,353	40,182,445
Total operating expenses	329,731,289	89,350,199	7,691,814	13,856,010	5,843,473	5,990,333	452,463,118	378,063,520
Operating income (loss)	15,879,931	6,420,133	Dr. 178,282	1,077,612	Dr. 344,464	Dr. 254,216	22,600,714	25,015,259
Non-operating income—Net:								
Capital gains and losses	73,440	185,207	3,845	179,061	—	133,680	575,233	734,127
Interest and discounts	4,753,958	1,283,289	1,877	118,626	—	3,670	6,161,420	4,494,941
Miscellaneous non-operating income	247,453	Dr. 400,992	4,678	44,825	Dr. 19,068	Dr. 6,289	Dr. 129,393	48,818
Income before interest expense	20,954,782	7,487,637	Dr. 167,882	1,420,124	Dr. 363,532	Dr. 123,155	29,207,974	30,293,145
Interest expense	13,857,462	1,762,896	442,950	777,716	221,826	61,469	17,124,319	14,159,311
Income before income taxes	7,097,320	5,724,741	Dr. 610,832	642,408	Dr. 585,358	Dr. 184,624	12,083,655	16,133,834
Provision for income taxes	3,550,000	2,330,000	—	—	—	—	5,880,000	4,684,040
Net income after income taxes	3,547,320	3,394,741	Dr. 610,832	642,408	Dr. 585,358	Dr. 184,624	6,203,655	11,449,794

TABLE 5. Operating Statistics, Canadian Scheduled Carriers — All Services, by Company, 1967

	Group I carriers			Group II carriers ¹					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair Inc.	Trans-Air Ltd.	Total	
Revenue operations									
Unit toll services:									
Departures No.	191,511	26,995	218,506	13,896	20,625	19,904	11,731	66,156	284,662
Hours flown "	278,253	57,186	335,439	13,805	21,543	15,622	12,638	63,608	399,047
Miles scheduled "	83,135,249	21,258,260	104,393,509	574,711	3,431,011	2,434,708	1,296,312	7,736,742	112,130,251
Miles flown:									
Scheduled services:									
Regular "	81,823,233	20,879,737	102,702,970	469,749	3,358,872	2,257,006	1,260,739	7,346,366	110,049,336
Extra sections "	3,677,218	374,390	4,051,608	28,880	218,638	79,213	82,184	408,915	4,460,523
Non-scheduled services "	—	—	—	1,507,565	306,602	212,382	570,243	2,596,792	2,596,792
Totals "	85,500,451	21,254,127	106,754,578	2,006,194	3,884,112	2,548,601	1,913,166	10,352,073	117,106,651
Ratio of regular miles flown to miles scheduled	98.4	98.2	98.4	81.7	97.9	92.7	97.3	95.0	98.1
Passengers carried (Scheduled and non-scheduled) ² No.	6,332,625	877,285	7,209,910	109,579	363,341	184,506	104,114	761,540	7,971,450
Goods carried (Scheduled and non-scheduled) ²									
Express lb.	15,698,525	1,716,301	17,414,826	488,687	996,247	—	342,648	1,827,582	19,242,408
Freight "	121,793,152	17,352,086	139,145,238	7,732,660	8,278,800	2,760,087	1,491,705	20,263,252	159,408,490
Excess baggage "	..	293,454	293,454	213,041	715,167	436,163	82,872	1,447,243	1,740,697
Mail "	40,493,001	4,471,175	44,964,176	3,012,053	2,150,980	891,382	1,234,440	7,288,855	52,253,031
Totals "	177,984,678	23,833,016	201,817,694	11,446,441	12,141,194	4,087,632	1,151,665	30,826,932	232,644,626
Passenger-miles:									
Scheduled services No.	5,221,358,111	1,477,395,796	6,698,753,907	5,428,285	90,522,020	47,837,371	30,736,885	174,524,561	6,873,278,468
Non-scheduled services "	—	—	—	22,158,803	1,385,518	2,610,455	2,957,113	29,111,889	29,111,889
Totals "	5,221,358,111	1,477,395,796	6,698,753,907	27,587,088	91,907,538	50,447,826	33,693,998	203,636,450	6,902,390,357
Available seat-miles on scheduled services "	8,054,458,180	2,620,898,908	10,675,357,088	11,340,808	204,746,109	80,998,994	71,058,773	368,144,684	11,043,501,773
Passenger load factor on scheduled services	64.8	56.4	62.7	47.9	44.2	59.1	43.3	47.4	62.2
Goods ton-miles:									
Express:									
Scheduled services No.	6,774,401	651,455	7,425,856	19,403	275,930	—	54,989	350,322	7,776,178
Non-scheduled services "	—	—	—	64,531	—	—	7,546	72,077	72,077
Totals "	6,774,401	651,455	7,425,856	83,934	275,930	—	62,535	422,399	7,848,255
Freight:									
Scheduled services "	85,657,053	25,682,167	111,339,220	604,849	2,547,808	477,075	229,497	3,859,229	115,198,449
Non-scheduled services "	—	—	—	1,378,675	12,850	36,044	56,483	1,484,052	1,484,052
Totals "	85,657,053	25,682,167	111,339,220	1,983,524	2,560,658	513,119	285,980	5,343,281	116,682,501
Excess baggage:									
Scheduled services "	..	591,624	591,624	1,677	114,309	97,217	15,115	228,318	819,942
Non-scheduled services "	—	—	—	41,194	6,048	13,083	773	61,098	61,098
Totals "	..	591,624	591,624	42,871	120,357	110,300	15,888	289,416	881,040
Mail:									
Scheduled services "	21,453,782	5,106,724	26,560,506	120,671	689,468	74,599	87,523	972,261	27,532,767
Non-scheduled services "	—	—	—	387,361	1,591	17,484	90,362	496,798	496,798
Totals "	21,453,782	5,106,724	26,560,506	508,032	691,059	92,083	177,885	1,469,059	28,029,565
Totals, goods ton-miles:									
Scheduled services "	113,885,236	32,031,970	145,917,206	746,600	3,627,515	648,891	387,124	5,410,130	151,327,336
Non-scheduled services "	—	—	—	1,871,761	20,489	66,611	155,164	2,114,025	2,114,025
Totals "	113,885,236	32,031,970	145,917,206	2,618,361	3,648,004	715,502	542,288	7,524,155	153,441,361
Available ton-miles on scheduled services "	1,202,341,776	382,044,195	1,584,385,971	2,041,451	26,296,881	8,132,132	8,681,526	45,151,990	1,629,537,961
Weight load factor on scheduled services ³	52.9	47.1	51.5	63.2	48.2	66.8	39.9	50.6	48.3

See footnote(s) at end of table.

TABLE 5. Operating Statistics, Canadian Scheduled Carriers — All Services, by Company, 1967 — Concluded

		Group I carriers			Group II carriers ¹					Grand total
		Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair Inc.	TransAir Ltd.	Total	
Revenue operations — Concluded										
Bulk services:										
Departures	No.	1,115	126	1,241	10,463	5,595	197	1,575	17,830	19,071
Hours flown	"	3,264	402	3,666	12,426	8,032	248	4,899	25,605	29,271
Miles flown	"	1,295,936	176,413	1,472,349	1,158,552	1,579,572	34,917	897,462	3,670,503	5,142,852
Passengers carried	"	47,245	7,990	55,235	21,901	37,866	975	14,823	75,565	130,800
Freight carried	lb.	—	—	—	3,247,604	11,171,736	47,709	5,068,198	19,535,247	19,535,247
Passenger-miles ⁴	No.	118,225,479	14,697,161	132,922,640	3,079,665	69,100,009	428,080	12,833,732	85,441,486	218,364,126
Goods ton-miles ⁴	"	—	—	—	168,820	2,498,071	5,262	2,799,757	5,471,910	5,471,910
Other flying services (specialty):										
Hours flown	"	159	—	159	3,426	—	—	—	3,426	3,585
Total — All services: ⁵										
Departures	"	192,626	27,121	219,747	24,359	26,220	20,101	13,306	83,986	303,733
Hours flown	"	281,676	57,588	339,264	29,657	29,575	15,870	17,537	92,639	431,903
Miles flown	"	86,796,387	21,430,540	108,226,927	3,164,746	5,463,684	2,583,518	2,810,628	14,022,576	122,249,503
Passengers carried	"	6,379,870	885,275	7,265,145	131,480	401,207	185,481	118,937	837,105	8,102,250
Cargo carried	lb.	137,491,677	19,068,387	156,560,064	11,468,951	20,446,783	2,807,796	6,902,551	41,626,081	198,186,145
Goods carried	"	177,984,678	23,833,016	201,817,694	14,694,045	23,312,930	4,135,341	8,219,863	50,362,179	252,179,873
Passenger-miles	No.	5,339,583,590	1,492,092,957	6,831,676,547	30,666,753	161,007,547	50,875,906	46,527,730	289,077,936	7,120,754,483
Goods ton-miles	"	113,885,236	32,031,970	145,917,206	2,787,181	6,146,075	720,764	3,342,045	12,996,065	158,913,271
Non-revenue operations										
Hours flown	"	11,596	3,564	15,160	2,449	2,037	495	674	5,655	20,815
Passengers carried	"	..	31,758	31,758	2,991	7,002	1,988	1,533	13,514	45,272
Goods carried	lb.	..	1,957,305	1,957,305	337,333	243,284	—	88,595	669,212	2,626,517
Passenger-miles	No.	220,962,348	64,480,216	285,442,564	1,013,969	1,935,931	641,218	601,676	4,192,794	289,635,358
Goods ton-miles	"	6,261,047	2,006,698	8,267,745	95,083	93,201	—	22,063	210,347	8,478,092
Selected expense items:										
Turbo fuel:										
Quantity	gal.	242,008,579	63,724,026	305,732,605	1,259,862	2,561,629	2,276,544	660,011	6,758,046	312,490,651
Cost	\$	30,938,909	9,143,751	40,082,660	277,263	541,340	478,075	126,744	1,423,422	41,506,082
Gasoline:										
Quantity	gal.	—	7,042,605	7,042,605	1,505,798	4,581,413	429,829	2,212,655	8,729,695	15,772,300
Cost	\$	—	1,993,610	1,993,610	557,727	1,602,916	141,844	862,881	3,165,368	5,158,978
Oil consumed:										
Turbo aircraft:										
Quantity	gal.	47,429	6,401	53,830	675	3,757	14,645	72	19,149	72,979
Cost	\$	423,680	59,598	483,278	10,125	24,356	51,266	720	86,467	569,745
Other aircraft:										
Quantity	gal.	—	53,193	53,193	23,089	52,285	14,729	26,495	116,598	169,791
Cost	\$	—	52,701	52,701	28,942	65,373	11,787	29,745	135,847	188,548
Average number of employees:										
Pilots and co-pilots	No.	1,031	325	1,356	71	96	43	47	257	1,613
Other flight personnel	"	1,399	384	1,783	17	59	17	29	122	1,905
General management	"	81	121	202	12	100	53	18	183	385
Maintenance labour	"	3,071	676	3,747	209	199	113	99	620	4,367
Aircraft and traffic servicing	"	5,642	1,316	6,958	122	120	132	84	458	7,416
Other personnel	"	4,599	984	5,583	51	57	11	68	187	5,770
Totals	"	15,823	3,806	19,629	482	631	369	345	1,827	21,456
Salaries and wages paid:										
Pilots and co-pilots	\$	16,043,800	4,997,860	21,041,660	674,518	1,171,445	458,653	491,078	2,795,694	23,837,354
Other flight personnel	\$	8,187,020	2,678,814	10,865,834	67,368	267,406	89,988	121,051	545,813	11,411,647
General management	\$	2,045,421	1,482,688	3,528,109	163,993	662,609	404,439	235,289	1,466,330	4,994,439
Maintenance labour	\$	24,224,463	4,719,641	28,944,104	1,251,885	1,591,684	682,907	672,017	4,198,493	33,142,597
Aircraft and traffic servicing	\$	38,424,679	7,469,340	45,894,019	604,246	933,574	751,572	319,796	2,609,188	48,503,207
Other personnel	\$	35,655,293	5,420,591	41,075,884	255,186	177,244	96,118	231,091	759,639	41,835,523
Totals	\$	124,580,676	26,768,934	151,349,610	3,017,196	4,803,962	2,483,677	2,070,322	12,375,157	163,724,767

¹ Routes included in scheduled or non-scheduled services according to predominant type of service.² Breakdown not available.³ Standard passenger weight used 200 pounds.⁴ Not reported for aircraft of less than 18,000 lb. take-off weight.⁵ "All services" excludes "Specialty flying services" except for number of hours flown.

TABLE 6. Interline Traffic,¹ Canadian Scheduled Carriers — All Services, by Company, 1967

Revenue operations		Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair Inc.	TransAir Ltd.	Total
Passengers carried:								
Originated	No.	5,124,930	671,819	77,142	351,278	184,506	97,305	6,506,980
Domestic interline	"	1,207,695	61,672	27,409	—	—	—	1,376,546
Foreign interline	"	—	79,770	—	—	—	—	—
Totals ²	"	6,332,625	813,261	104,551	351,278	184,506	97,305	7,883,526
Express carried:								
Originated	lb.	15,698,525	1,545,498	462,346	996,247	—	342,648	19,045,264
Domestic interline	"	—	—	—	—	—	—	—
Foreign interline	"	—	—	—	—	—	—	—
Totals ²	lb.	15,698,525	1,545,498	462,346	996,247	—	342,648	19,045,264
Freight carried:								
Originated	lb.	121,793,152	13,736,880	7,646,356	8,055,698	2,760,087	1,049,956	155,042,129
Domestic interline	"	—	383,099	—	—	—	—	383,099
Foreign interline	"	—	938,834	—	—	—	—	938,834
Totals ²	"	121,793,152	15,058,813	7,646,356	8,055,698	2,760,087	1,049,956	156,364,062
Excess baggage carried:								
Originated	"	..	291,635	205,969	614,747	436,163	76,885	1,625,399 ³
Domestic interline	"	..	—	—	—	—	—	—
Foreign interline	"	..	—	—	—	—	—	—
Totals ²	lb.	..	291,635	205,969	614,747	436,163	76,885	1,625,399 ³
Mail carried:								
Originated	"	40,493,001	4,212,443	2,647,581	2,125,235	891,382	458,074	50,827,716
Domestic interline	"	—	—	—	—	—	—	—
Foreign interline	"	—	—	—	—	—	—	—
Totals ²	lb.	40,493,001	4,212,443	2,647,581	2,125,235	891,382	458,074	50,827,716

¹ Includes only scheduled and non-scheduled services designated as mainline by Air Transport Board.² Excludes division interline.³ Excludes Air Canada.

TABLE 7. Operating Statistics, Canadian International Carriers — All Revenue Services, by Area of Service, 1967

Revenue operations		Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Group I carriers								
Unit toll services:								
Departures	No.	29,079	9,017	9,157	1,819	49,072	169,434	218,506
Hours flown	"	41,264	40,469	24,632	11,120	117,485	217,954	335,439
Miles scheduled	"	9,864,726	19,513,903	10,025,455	5,303,092	44,707,176	59,686,333	104,393,509
Miles flown:								
Scheduled:								
Regular	"	9,559,659	19,316,921	9,891,632	5,219,854	43,988,066	58,714,904	102,702,970
Extra sections	"	655,500	140,505	179,644	297,310	1,272,959	2,778,649	4,051,608
Non-scheduled	"	—	—	—	—	—	—	—
Totals	No.	10,215,159	19,457,426	10,071,276	5,517,164	45,261,025	61,493,553	106,754,578
Ratio of regular miles flown to miles scheduled		96.9	99.0	98.7	98.4	98.4	98.4	98.4
Passengers carried	No.	..	..	..	..	2,369,729	4,840,181	7,209,910
Cargo carried	lb.	..	..	..	..	63,363,488	93,490,030	156,853,518
Mail carried	"	..	..	..	..	7,908,879	37,055,297	44,964,176
Passenger-miles	No.	563,403,047	1,491,206,381	663,774,988	402,385,558	3,120,769,974	3,577,983,933	6,698,753,907
Available seat-miles on scheduled services	"	896,003,540	2,573,988,434	1,240,319,381	704,151,219	5,414,462,574	5,260,894,514	10,675,357,088
Passenger load factor on scheduled services		62.9	57.9	53.5	57.1	57.6	68.0	62.7
Goods ton-miles:								
Express	No.	611,884	—	—	—	611,884	6,813,972	7,425,856
Freight	"	6,135,260	33,797,557	9,354,599	8,898,203	58,185,619	53,153,601	111,339,220
Excess baggage	"	299	141,291	201,583	227,176	570,349	21,275	591,624
Mail	"	644,611	4,012,737	1,644,299	2,894,568	9,196,215	17,364,291	26,560,506
Totals	"	7,392,054	37,951,585	11,200,481	12,019,947	68,564,067	77,353,139	145,917,206
Available ton-miles on scheduled services		123,617,727	391,370,470	169,185,195	113,956,644	798,130,036	786,255,935	1,584,385,971
Weight load factor on scheduled services ¹		51.6	47.8	45.9	45.9	47.7	55.3	51.5
Group I to IV carriers								
Bulk services:								
Departures	No.	3,136	709	134	74	4,053	..	..
Hours flown	"	5,248	5,083	632	327	11,290	..	..
Miles flown	"	1,037,707	2,160,294	162,907	144,631	3,505,539	..	..
Passengers carried	"	32,660	56,889	5,748	4,879	100,176	..	..
Goods carried	lb.	581,036	—	27,014	—	608,050	..	..
Passenger miles ²	No.	30,732,808	230,778,425	10,404,994	10,315,415	282,231,642	..	..
Goods ton-miles ²	"	132,587	—	13,672	—	146,259	..	..
Total services:								
Departures	"	32,215	9,726	9,291	1,893	53,125	..	..
Hours flown	"	46,512	45,552	25,264	11,447	128,775	..	..
Miles flown	"	11,252,866	21,617,720	10,234,183	5,661,795	48,768,564	..	..
Passengers carried	"	..	..	..	..	2,469,905	..	..
Goods carried	lb.	..	..	..	..	71,880,417	..	..
Passenger-miles ²	No.	594,135,855	1,721,984,806	674,179,982	412,700,973	3,403,001,616	..	..
Goods ton-miles ²	"	7,524,641	37,951,585	11,214,153	12,019,947	68,710,326	..	..

¹ Standard passenger weight used: 200 pounds.² Excludes charter aircraft not having a maximum authorized take-off weight in excess of 18,000 pounds.

TABLE 8. Operating Statistics, Foreign Carriers, by Area of Service, 1967

Revenue operations	United States			Europe		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
All services						
Passengers carried:						
Unit toll No.	1,029,304	1,001,209	2,030,513	241,599	299,657	541,256
Bulk "	9,454	10,621	20,075	18,707	19,402	38,109
Totals "	1,038,758	1,011,830	2,050,588	260,306	319,059	579,365
Freight, express and excess baggage:						
Unit toll lb.	5,191,202	17,877,652	23,068,854	10,143,430	28,952,080	39,095,510
Bulk "	165	132,911	133,076	24,879	70,198	95,077
Totals "	5,191,367	18,010,563	23,201,930	10,168,309	29,022,278	39,190,587
Mail carried (unit toll) "	1,163,756	2,077,877	3,241,633	980,670	1,962,460	2,593,126
			All other areas	Total—all areas		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll No.	9,519	8,578	18,097	1,280,422	1,309,444	2,589,866
Bulk "	100	102	202	28,261	30,125	58,386
Totals "	9,619	8,680	18,299	1,308,683	1,339,569	2,648,252
Freight, express and excess baggage:						
Unit toll lb.	144,268	258,194	402,462	15,478,900	47,087,926	62,566,826
Bulk "	—	—	—	25,044	203,109	228,153
Totals "	144,268	258,194	402,462	15,503,944	47,291,035	62,794,979
Mail carried (unit toll) "	10,554	25,256	35,810	2,154,980	4,065,593	6,220,573

TABLE 9. Statistical Summary of Group V Carriers, 1967

Operations	1967	Statement of income	1967
Number of reporting carriers	275	Number of reporting carriers	239
Revenue operations			dollars
Unit toll and bulk services:		Operating revenues:	
Hours flown No.	112,322	Unit toll and bulk transportation	6,827,815
Passengers carried "	217,660	Specialty flying services	6,675,732
Goods carried lb.	15,415,344	Total flying services	13,503,547
Specialty flying services:		Non-flying services	2,768,564
Hours flown—Types of activity:		Total	16,271,911
Flying training No.	207,990	Operating expenses:	
Recreational flying "	34,197	Flying operations	8,070,398
Aerial photography and survey ¹	874	Maintenance	2,676,658
Aerial photography "	1,224	General services and administration	3,859,114
Aerial inspection, reconnaissance and adver-		Depreciation	1,839,289
tising ² "	13,365	Total	16,445,559
Aerial application and distribution ³	9,190	Operating income (loss)	Dr. 173,648
Aerial control "	1,440	Non-operating income—Net	725,427
Aerial construction "	90	Income before income taxes	551,779
Air ambulance and mercy service	22	Provision for income taxes	134,897
Aircraft rental "	24,353	Net income after income taxes	416,882
Non-transportation charter	2,055		
Totals, specialty hours flown	294,800		
Total—All services:			
Hours flown "	407,122		
Non-revenue operations			
Hours flown "	15,922		

¹ Includes geophysical survey.² Includes aerial advertising.³ Includes aerial fish cultivation and aerial pest control.

Note: The number of carriers reporting operating data differs from the number reporting a statement of income.

TABLE 10. Balance Sheet, Canadian Carriers, by Revenue Group, Year Ended December 31, 1967

	Scheduled carriers			Non-scheduled carriers			Grand total
	Group I	Group II	Total	Group III	Group IV	Total	
	dollars						
Assets							
Current assets:							
Cash and special deposits	31,354,168	1,452,552	32,806,720	3,842,848	707,736	4,550,584	37,357,304
Notes and accounts receivable	49,309,198	8,459,908	57,769,106	6,812,541	6,438,953	13,251,494	71,020,600
Less: reserve for uncollectible accounts	1,010,577	118,645	1,129,222	457,780	484,941	942,721	2,071,943
Materials and supplies	19,971,830	2,277,709	22,249,539	3,506,939	2,371,198	5,878,137	28,127,676
Short term prepayments	1,205,126	513,663	1,718,789	1,107,937	685,423	1,793,360	3,512,149
Other current assets	2,400	215,167	217,567	1,763,132	953,658	2,716,790	2,934,357
Totals	100,832,145	12,800,354	113,632,499	16,575,617	10,672,027	27,247,644	140,880,143
Investments and special funds	9,568,196	9,823,199	19,391,395	5,741,038	3,043,661	8,784,699	28,176,094
Property and equipment:							
Operating	536,539,733	33,074,843	569,614,576	53,316,753	31,888,930	85,205,683	654,820,259
Less: accumulated depreciation	214,323,519	11,987,900	226,311,419	18,966,085	14,269,443	33,235,528	259,546,947
Non-operating	—	665,597	665,597	456,435	1,163,207	1,619,642	2,285,239
Less: accumulated depreciation	—	—	—	145,036	417,227	562,263	562,263
Totals	322,216,214	21,752,540	343,968,754	34,662,067	18,365,467	53,027,534	396,996,288
Deferred charges:							
Long term prepayments	12,888	980,635	993,523	30,377	218,399	248,776	1,242,299
Other deferred charges	89,535	2,473,111	2,562,646	560,264	464,666	1,024,930	3,587,576
Totals	102,423	3,453,746	3,556,169	590,641	683,065	1,273,706	4,829,875
Total assets	432,718,978	47,829,839	480,548,817	57,569,363	32,764,220	90,333,583	570,882,400
Liabilities							
Current liabilities:							
Notes and accounts payable	36,563,019	6,041,012	42,604,031	9,787,081	7,050,898	16,837,979	59,442,010
Current portion of long term debt	—	1,290,965	1,290,965	2,385,055	2,026,286	4,411,341	5,702,306
Accrued taxes	4,282,065	40,181	4,322,246	463,025	300,986	764,011	5,086,257
Other current and accrued liabilities	35,158,192	1,300,269	36,458,461	1,358,257	1,509,391	2,867,648	39,326,109
Totals	76,003,276	8,672,427	84,675,703	13,993,418	10,887,561	24,880,979	109,556,682
Non-current liabilities:							
Long term debt	—	23,161,444	23,161,444	13,243,566	7,651,932	20,895,498	44,056,942
Other non-current liabilities	302,819,500	976,158	303,795,658	8,982,795	1,578,479	10,561,274	314,356,932
Totals	302,819,500	24,137,602	326,957,102	22,226,361	9,230,411	31,456,772	358,413,874
Deferred credits	7,151,645	—	7,151,645	821,056	709,557	1,530,613	8,682,258
Reserves	6,616,821	1,479,233	8,096,054	1,446,091	148,423	1,594,514	9,690,568
Capital stock and surplus:							
Capital stock issued and outstanding:							
Preferred	9,750,000	5,569,975	15,319,975	4,337,274	2,494,422	6,831,696	22,151,671
Common	18,000,000	2,621,056	20,621,056	3,519,170	4,904,771	8,423,941	29,044,997
Other paid-in capital	—	—	—	1,165,469	412,388	1,577,857	1,577,857
Unappropriated surplus	12,377,736	5,349,546	17,727,282	10,060,524	3,976,687	14,037,211	31,764,493
Totals	40,127,736	13,540,577	53,668,313	19,082,437	11,788,268	30,870,705	84,539,018
Total liabilities	432,718,978	47,829,839	480,548,817	57,569,363	32,764,220	90,333,583	570,882,400

TABLE 11. Balance Sheet, Canadian Scheduled Carriers, by Company, Year Ended December 31, 1967

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair Inc.	TransAir Ltd.	Total
				dollars			
Assets							
Current assets:							
Cash	15,087,944	1,395,434	85,954	335,338	271,420	45,162	17,221,252
Special deposits	149,077	14,721,713	—	713,253	1,425	—	15,585,468
Notes and accounts receivable:							
Governments	4,991,059	—	307,502	308,538	618,744	169,138	6,394,981
General traffic	26,210,843	9,225,167	994,230	1,022,729	655,834	644,506	38,753,309
Associated companies	1,122,107	—	844,340	—	59,834	1,566	2,027,847
Company personnel	241,862	50,678	49,950	12,531	14,901	12,842	382,764
Other	6,139,328	1,328,154	203,166	62,807	2,461,476	15,274	10,210,205
Totals	53,942,220	26,721,146	2,485,142	2,455,196	4,083,634	888,488	90,575,826
Less: reserve for uncollectible accounts	310,000	700,577	58,500	38,330	6,000	15,815	1,129,222
Materials and supplies	17,405,835	2,565,995	664,497	661,779	676,292	275,141	22,249,539
Short term prepayments	692,925	512,201	26,271	305,611	90,309	91,472	1,718,789
Other current assets	2,400	—	—	95,000	—	120,167	217,567
Totals	71,733,380	29,098,765	3,117,410	3,479,256	4,844,235	1,359,453	113,632,499
Investments and special funds:							
Investments in associated companies	16,404	—	3,708,500	—	5,603,105	82,185	9,410,194
Other investments	2,245,967	700,772	—	265,000	—	—	3,211,739
Special funds	6,248,821	356,232	126,039	38,370	—	—	6,769,462
Totals	8,511,192	1,057,004	3,834,539	303,370	5,603,105	82,185	19,391,395
Property and equipment:							
Operating	505,846,441	30,693,292	6,576,311	17,479,768	4,160,553	4,858,211	569,614,576
Less: accumulated depreciation	198,742,926	15,580,593	2,293,442	3,928,179	3,375,299	2,390,980	226,311,419
Non-operating	—	—	—	665,597	—	—	665,597
Less: accumulated depreciation	—	—	—	—	—	—	—
Totals	307,103,515	15,112,699	4,282,869	14,217,186	785,254	2,467,231	343,968,754
Deferred Charges:							
Long term prepayments	12,888	—	—	980,635	—	—	993,523
Developmental and pre-operating costs	—	—	6,922	802,854	—	34,182	843,958
Unamortized discount and expense on debt	—	—	112,059	268,890	—	—	380,949
Property acquisition adjustment	—	—	—	—	—	—	—
Other intangibles	—	—	—	—	—	—	—
Other deferred charges	89,535	—	—	1,173,807	74,397	—	1,337,739
Totals	102,423	—	118,981	3,226,186	74,397	34,182	3,556,169
Total assets	387,450,510	45,268,468	11,353,799	21,225,998	11,306,991	3,943,051	480,548,817
Liabilities							
Current liabilities:							
Notes and accounts payable:							
Current notes payable	—	—	238,947	—	—	567,000	805,947
Accounts payable — General	8,837,548	1,042,790	1,051,720	2,067,633	1,338,936	637,750	14,976,377
Collections as agents:							
Traffic	12,637,657	4,051,767	—	50,649	—	80,749	16,820,822
Other	3,991,437	831,706	—	—	—	—	4,823,143
Associated companies	4,595,938	574,176	7,628	—	—	—	5,177,742
Current portion of long term debt	—	—	132,780	1,154,633	—	3,552	1,290,965
Totals	30,062,580	6,500,439	1,431,075	3,272,915	1,338,936	1,289,051	43,894,996
Accrued salaries and wages	10,256,535	4,689,300	—	92,730	111,630	106,731	15,256,926
Accrued taxes	3,614,437	667,628	—	—	—	40,181	4,322,246
Dividends payable	200,000	—	—	—	—	—	200,000
Air travel plan liability	1,873,595	—	—	—	—	—	1,873,595
Unearned transportation revenue	9,284,434	5,130,148	58,779	115,671	—	—	14,589,032
Other current liabilities	—	3,724,180	714,768	—	—	99,960	4,538,908
Totals	55,291,581	20,711,695	2,204,622	3,481,316	1,450,566	1,535,923	84,675,703
Non-current liabilities:							
Long term debt	—	—	5,867,220	11,511,829	5,768,642	13,753	23,161,444
Advances from associated companies	302,819,500	—	26,213	—	828,650	90,048	303,764,411
Pension liability	—	—	—	—	—	—	—
Other non-current liability	—	—	31,247	—	—	—	31,247
Totals	302,819,500	—	5,924,680	11,511,829	6,597,292	103,801	326,957,102
Deferred credits:							
Unamortized premium on debt	—	—	—	—	—	—	—
Other deferred credits	6,460,000	691,645	—	—	—	—	7,151,645
Totals	6,460,000	691,645	—	—	—	—	7,151,645
Reserves:							
Reserve for major overhauls	—	—	471,374	798,676	—	209,183	1,479,233
Reserve for self-insurance	6,248,821	—	—	—	—	—	6,248,821
Other reserves	—	368,000	—	—	—	—	368,000
Totals	6,248,821	368,000	471,374	798,676	—	209,183	8,096,054
Capital stock and surplus:							
Capital stock issued and outstanding:							
Preferred	—	9,750,000	3,263,800	1,058,950	1,047,225	200,000	15,319,975
Common	5,000,000	13,000,000	998	1,102,493	500,000	1,017,565	20,621,056
Capital stock subscribed and unissued	—	—	—	—	—	—	—
Other paid in capital	—	—	—	—	—	—	—
Unappropriated surplus	11,630,608	747,128	Dr. 511,675	3,272,734	1,711,908	876,579	17,727,282
Totals	16,630,608	23,497,128	2,753,123	5,434,177	3,259,133	2,094,144	53,668,313
Total liabilities	387,450,510	45,268,468	11,353,799	21,225,998	11,306,991	3,943,051	480,548,817

TABLE 12. Operating Expense Analysis, Canadian Scheduled Carriers — All Services, Year Ended December 31, 1967

No.	Expenses	Functional classification			
		Flying operations	Maintenance		
			Direct maintenance flight equipment	Direct maintenance ground property and equipment	Maintenance burden
		dollars			
	Salaries, wages and personnel expenses:				
1	Management	—	—	—	1,687,518
2	Pilots and co-pilots	23,208,477	—	—	—
3	Other flight personnel	1,166,775	—	—	—
4	Maintenance labour	—	17,977,195	1,386,934	2,758,323
5	Aircraft and traffic handling	—	—	—	—
6	Trainees, instructors, unallocated shop labour	2,454,292	—	—	7,823,712
7	Communications	—	—	—	204,486
8	Other personnel	—	—	—	13,065,631
9	Personnel expenses	2,889,221	—	—	519,689
10	Totals	29,718,765	17,977,195	1,386,934	26,059,359
	Materials and supplies:				
11	Aircraft fuels and oils	49,126,732	—	—	—
12	Maintenance materials and supplies	—	21,517,695	906,754	1,187,812
13	Shop and servicing supplies	—	—	—	1,441,768
14	Stationery, printing and office supplies	—	—	—	369,778
15	Passenger food expense	—	—	—	—
16	Other supplies	267,082	—	—	313,009
17	Inventory adjustments	—	—	—	136,584
18	Totals	49,393,814	21,517,695	906,754	3,448,951
	Other expenses:				
19	Communications purchased	—	—	—	218,675
20	Light, heat, power and water	—	—	—	726,381
21	Traffic commissions	—	—	—	—
22	Professional and technical fees and expenses	—	—	—	53,697
23	Other services — Associated companies	—	—	—	—
24	Total repairs and other services — Outside	—	8,022,268	2,252,359	1,258,666
25	Rentals	12,601,906	—	—	646,544
26	Landing fees — Canadian	13,920,354	—	—	—
27	Foreign				
28	Insurance — P.L., P.D. and traffic liabilities	5,555,100	—	—	203,478
29	Employee welfare	2,713,736	—	—	3,134,189
30	Injuries, loss and damage	254,672	—	—	8,517
31	Advertising and publicity	—	—	—	—
32	Interrupted trip expense	—	—	—	—
33	Uncollectible accounts	—	—	—	—
34	Taxes, other than income and payroll	—	—	—	—
35	Other expenses	76,174	—	—	491,205
36	Overhaul provisions — Airframes	—	40,531	—	—
37	Aircraft engines	—	643,333	—	—
38	Totals	35,121,942	8,706,132	2,252,359	6,741,352
	Depreciation and amortization:				
39	Amortization	—	—	—	—
40	Depreciation — Flight equipment	—	—	—	—
41	Maintenance equipment and hangars	—	—	—	—
42	General ground property	—	—	—	—
43	Grand totals	114,234,521	48,201,022	4,546,047	36,249,662

TABLE 12. Operating Expense Analysis, Canadian Scheduled Carriers — All Services, Year Ended December 31, 1967

Functional classification									No.
Passenger servicing	Aircraft and traffic servicing			Promotions and sales		General administration	Depreciation and amortization	Grand total	
	Aircraft servicing	Traffic servicing	Servicing administration	Reservations and sales	Advertising and publicity				
dollars									
89,339	471,122	30,815	533,244	906,351	47,771	1,655,307	—	5,421,467	1
10,254,851	—	—	—	—	—	—	—	33,463,328	2
—	—	—	—	—	—	—	—	1,166,775	3
—	—	—	—	—	—	—	—	22,122,452	4
—	18,157,073	12,269,062	3,330,361	16,435,361	—	—	—	50,191,857	5
386,936	545,973	16,441	278,860	579,377	—	—	—	12,085,591	6
—	413,286	—	677,410	631,579	—	84,271	—	2,011,032	7
1,994,850	759,263	549,334	1,985,437	7,588,056	1,000,762	9,366,828	—	36,310,161	8
3,487,703	567,085	345,992	572,328	2,910,517	212,937	544,517	—	12,049,989	9
16,213,679	20,913,802	13,211,644	7,377,640	29,051,241	1,261,470	11,650,923	—	174,822,652	10
—	—	—	—	—	—	—	—	49,126,732	11
—	—	—	—	—	—	—	—	23,612,261	12
—	368,725	—	—	—	—	—	—	1,810,493	13
39,065	185,898	403,967	434,864	1,364,790	157,862	1,223,474	—	4,179,698	14
16,382,322	—	—	—	—	—	—	—	16,382,322	15
4,243,634	155,679	70,444	617,746	40,899	10,228	15,071	—	5,733,792	16
49,219	—	—	—	—	—	—	—	185,803	17
20,714,240	710,302	474,411	1,052,610	1,405,689	168,090	1,238,545	—	101,031,101	18
18,545	659,756	574,957	1,305,553	5,372,584	38,590	357,809	—	8,546,469	19
612	63,336	58,043	162,267	149,036	1,400	65,969	—	1,227,044	20
—	—	—	—	15,014,584	57,963	—	—	15,072,547	21
7,649	16,432	2,164	49,254	121,712	5,865	525,569	—	782,342	22
—	528	2,323,163	—	1,264,509	11,873	583,357	—	4,183,430	23
386,043	3,889,180	3,094,138	1,478,269	547,089	148,043	190,266	—	21,266,321	24
190,259	710,084	1,777,362	1,008,961	2,511,341	66,211	1,673,065	—	21,185,733	25
—	—	—	—	—	—	—	—	13,920,354	26
—	—	—	—	—	—	—	—	—	27
2,719,833	9,565	124,718	3,012	2,948	36	163,731	—	8,782,421	28
761,689	1,479,178	853,322	509,158	1,950,393	75,136	1,188,445	—	12,665,246	29
14,244	99,684	279,751	45,624	6,277	—	264,539	—	973,308	30
—	—	—	—	228,248	15,325,429	—	—	15,553,677	31
1,505,034	—	—	—	—	—	—	—	1,505,034	32
—	—	—	—	—	—	592,843	—	592,843	33
—	—	—	—	—	—	1,693,204	—	1,693,204	34
416,842	218,208	1,098,745	327,673	678,267	116,411	516,162	—	3,939,687	35
—	—	—	—	—	—	—	—	40,531	36
—	—	—	—	—	—	—	—	643,333	37
6,020,750	7,145,951	10,186,363	4,889,771	27,846,988	15,846,957	7,814,959	—	132,573,524	38
—	—	—	—	—	—	—	228,795	228,795	39
—	—	—	—	—	—	—	37,053,286	37,053,286	40
—	—	—	—	—	—	—	2,352,465	2,352,465	41
—	—	—	—	—	—	—	4,515,150	4,515,150	42
42,948,669	28,770,055	23,872,418	13,320,021	58,303,918	17,276,517	20,704,427	44,149,696	452,576,973	43

TABLE 13. Operating Expense Analysis, Canadian Group III Carriers, Year Ended December 31, 1967

Expenses	Functional classification						Grand total
	Flying operations	Maintenance			General services and adminis- tration	Depreciation and amortization	
		Direct maintenance flight equipment	Direct main- tenance ground property and equipment	Maintenance burden			
dollars							
Salaries, wages and personnel expenses:							
General management	—	—	—	232,431	1,341,964	—	1,574,395
Pilots and co-pilots	5,652,772	—	—	—	—	—	5,652,772
Other flight personnel	519,840	—	185,637	—	79,158	—	784,635
Maintenance labour	—	3,029,925	25,760	313,290	—	—	3,368,975
Aircraft and traffic handling	—	—	—	14,126	936,683	—	950,809
Trainees, instructors and unallocated shop labour	227,008	—	—	169,999	78,653	—	475,660
Communications	—	—	—	5,076	123,031	—	128,107
Other personnel	—	—	—	262,754	1,000,077	—	1,262,831
Personnel expenses	898,973	—	—	222,832	415,359	—	1,537,164
Totals	7,298,593	3,029,925	211,397	1,220,508	3,974,925	—	15,735,348
Materials and supplies:							
Aircraft fuels and oils	5,291,236	—	—	—	—	—	5,291,236
Maintenance materials and supplies	—	2,717,722	211,834	243,408	—	—	3,172,964
Shop and servicing supplies	—	—	12,274	137,139	8,003	—	157,416
Stationery, printing and office supplies	—	—	—	20,962	205,401	—	226,363
Passenger food expense	—	—	—	—	212,010	—	212,010
Other supplies	89,201	—	—	57,902	45,707	—	192,810
Inventory adjustments	—	—	—	Dr. 29,044	—	—	Dr. 29,044
Totals	5,380,437	2,717,722	224,108	430,367	471,121	—	9,223,755
Other expenses:							
Communications purchased	—	—	—	39,675	429,449	—	469,124
Light, heat, power and water	—	—	—	108,981	125,992	—	234,973
Traffic commissions	—	—	—	—	333,676	—	333,676
Professional and technical fees and expenses	—	—	—	1,413	328,851	—	330,264
Other services—Associated companies	—	—	—	—	122,755	—	122,755
Total repairs and other services—Outside	—	2,910,003	98,337	133,825	340,554	—	3,482,719
Rentals	2,387,053	—	6,653	153,318	256,518	—	2,803,542
Landing fees—Canadian	365,178	—	—	—	—	—	365,178
Foreign		—	—	—	—	—	
Insurance—P.L., P.D. and traffic liability	2,346,309	—	5,574	79,827	134,776	—	2,566,486
Employee welfare	330,168	—	—	158,382	261,756	—	750,306
Injuries, loss and damage	47,731	—	—	678	15,414	—	63,823
Advertising and publicity	—	—	—	—	310,611	—	310,611
Interrupted trip expense	—	—	—	—	26,835	—	26,835
Uncollectible accounts	—	—	—	—	261,232	—	261,232
Taxes, other than income and payroll	—	—	—	—	144,415	—	144,415
Other expenses	249,315	—	22,305	131,334	239,721	—	642,675
Overhaul provisions—Airframes	—	Dr. 6,050	—	—	—	—	Dr. 6,050
Aircraft engines	—	405,573	—	—	—	—	405,573
Totals	5,725,754	3,309,526	132,869	807,433	3,332,555	—	13,208,137
Depreciation and amortization:							
Amortization	—	—	—	—	—	44,764	44,764
Depreciation—Flight equipment	—	—	—	—	—	2,583,867	2,583,867
Maintenance equipment and hangars	—	—	—	—	—	213,055	213,055
General ground property	—	—	—	—	—	269,852	269,852
Grand totals	18,404,784	9,057,173	568,374	2,458,308	7,778,601	3,111,538	41,378,778

TABLE 14. Operating Expense Analysis, Canadian Group IV Carriers, Year Ended December 31, 1967

Expenses	Functional classification					Grand total
	Flying operations	Maintenance		General services and administration	Depreciation and amortization	
		Flight equipment	Ground property and equipment			
dollars						
Salaries, wages, and personnel expenses:						
General management	—	62,903	26,827	855,659	—	945,389
Flight personnel	3,860,868	—	—	101,561	—	3,962,429
Maintenance labour	—	1,674,988	226,427	—	—	1,901,415
Aircraft and traffic handling	—	—	—	206,448	—	206,448
Other personnel	—	13,766	8,830	479,791	—	502,387
Personnel expenses	354,635	46,385	11,427	199,545	—	611,992
Totals	4,215,503	1,798,042	273,511	1,843,004	—	8,130,060
Materials and supplies:						
Aircraft fuel and oil	2,374,252	—	—	—	—	2,374,252
Maintenance materials and supplies	—	1,717,373	264,564	—	—	1,981,937
Other supplies	110,985	62,100	28,720	160,415	—	362,220
Totals	2,485,237	1,779,473	293,284	160,415	—	4,718,409
Other expenses:						
Repairs and other services—Outside	—	1,042,992	115,497	135,112	—	1,293,601
Rentals	1,475,387	28,753	74,194	211,244	—	1,789,578
Insurance—P.L., P.D. and traffic liability	1,393,547	46,486	24,180	101,636	—	1,565,849
Other expenses	385,825	38,140	47,457	1,669,799	—	2,141,221
Depreciation—Flight equipment	—	—	—	—	2,008,886	2,008,886
Ground property and equipment	—	—	—	—	379,730	379,730
Totals	3,254,759	1,156,371	261,328	2,117,791	2,388,616	9,178,865
Grand totals	9,955,499	4,733,886	828,123	4,121,210	2,388,616	22,027,334

TABLE 15. Specialty Flying Services, Canadian Carriers — Group I to IV, by Type of Activity, 1967

	1967						Total 1966	
	Fixed-wing		Helicopters		Total 1967			
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned
Type of activity:	No.	\$	No.	\$	No.	\$	No.	\$
Flying training	141, 187	2, 735, 118	4, 211	309, 164	145, 398	3, 044, 282	100, 201	1, 937, 993
Recreational flying	16, 945	345, 066	2, 299	179, 534	19, 244	524, 600	16, 049	460, 698
Aerial photography and survey	16, 145	1, 488, 372	6, 227	954, 546	22, 372	2, 442, 918	22, 524	2, 565, 096
Aerial photography (scenics)	788	73, 128	79	8, 789	867	81, 917	572	43, 335
Aerial inspection reconnaissance and advert- ising	20, 615	2, 450, 573	9, 445	1, 019, 133	30, 060	3, 469, 706	21, 638	2, 334, 091
Aerial application and distribution	5, 560	671, 550	107	15, 778	5, 667	687, 328	6, 473	619, 819
Aerial control	5, 777	1, 332, 234	2, 569	285, 559	8, 346	1, 617, 793	1, 476	472, 112
Aerial construction	—	—	510	130, 528	510	130, 528	223	128, 037
Air ambulance and mercy service	41	4, 615	9	1, 109	50	5, 724	15	2, 733
Aircraft rental	19, 280	354, 515	664	46, 676	19, 944	401, 191	17, 046	369, 981
Non-transportation charter	1, 861	184, 066	1, 375	141, 593	3, 236	325, 659	1, 410	263, 129
Totals	228, 199	9, 639, 237	27, 495	3, 092, 409	255, 694	12, 731, 646	187, 627	9, 197, 024

TABLE 16. Statistical Summary of Canadian Carriers Operating Helicopters, Group I to IV, 1967¹

		1967			Total 1966
		Carriers operating helicopters only	Carriers operating helicopters and fixed-wing	Total	
Carriers reporting	No.	17	15	32	27
Helicopter — Owned	"	194	42	236	210
Leased	"	22	3	25	33
Totals	"	216	45	261	243
Revenue hours flown — Unit toll	"	68	—	68	35
Bulk	"	105, 293	7, 186	112, 479	109, 677
Specialty	"	18, 140	9, 355	27, 495	19, 327
Totals	"	123, 501	16, 541	140, 042	129, 039
Non-revenue hours flown	"	5, 441	569	6, 010	7, 979
Fuel and oil consumed:					
Gasoline	gal.	2, 739, 826	213, 631	2, 953, 457	2, 446, 512
Cost	\$	1, 136, 862	101, 570	1, 238, 432	1, 135, 915
Oil	gal.	39, 367	3, 632	42, 999	34, 831
Cost	\$	68, 400	6, 392	74, 792	62, 620
Average number of employees:					
Pilots	No.	215	20	235	220
Administrative	"	98	1	99	83
Maintenance labour	"	194	12	206	218
Other personnel	"	16	—	16	16
Totals	"	523	33	556	537
Salaries and wages:					
Pilots	\$	2, 420, 137	196, 355	2, 616, 492	2, 269, 115
Administrative	\$	782, 800	11, 000	793, 800	644, 504
Maintenance labour	\$	1, 496, 606	77, 448	1, 574, 054	1, 509, 943
Other personnel	\$	71, 508	—	71, 508	67, 768
Totals	\$	4, 771, 051	284, 803	5, 055, 854	4, 491, 330

Balance sheet²

Assets		Liabilities	
Current assets:		Current liabilities:	
Cash	922, 216	Notes and accounts payable	3, 885, 251
Accounts receivable	2, 823, 824	Current portion of long term debt	1, 485, 965
Less: reserve for uncollectible accounts	212, 172	Accrued taxes	153, 334
Materials and supplies	1, 440, 017	Other and accrued liabilities	216, 802
Short term prepayments	265, 246	Total	5, 741, 352
Other current assets	128, 795	Non-current liabilities:	
Total	5, 367, 926	Long term debt	3, 054, 653
Investments	700, 542	Other non-current liabilities	1, 802, 748
Property and equipment:		Total	4, 857, 401
Operating	18, 627, 792	Deferred credits	542, 554
Less: accumulated depreciation	6, 503, 504	Reserves	666, 831
Non-operating	245, 098	Capital stock and surplus:	
Less: accumulated depreciation	60, 422	Capital stock issued and outstanding:	
Deferred charges:		Preferred	1, 287, 427
Long term prepayments	53, 162	Common	1, 238, 572
Other deferred charges	287, 103	Other paid-in capital	471, 926
Total	13, 349, 771	Unappropriated surplus	3, 911, 634
Total assets	18, 717, 697	Total	8, 118, 944
		Total liabilities	18, 717, 697

¹ Statement of income for carriers operating helicopters only available on request.² Carriers operating helicopters only.

**TABLE 17. Property and Equipment and Accumulated Depreciation, Canadian Carriers, by Revenue Group,
Year Ended December 31, 1967**

No.		Cost		
		Beginning of year	Additions	Retirements
		dollars		
		Group I and II carriers		
	Operating property and equipment:			
1	Flight equipment	320,797,124	108,977,810	10,674,435
2	Ground equipment	40,209,958	5,413,152	3,284,794
3	Buildings and other improvements	45,806,589	2,373,831	128,375
4	Total flight and ground property and equipment	406,813,671	116,764,793	14,087,604
5	Land	28,252	1	6,879
6	Construction work in progress	31,345,680	33,683,715	—
7	Total operating property and equipment	438,187,603	150,448,509	14,094,483
8	Non-operating property and equipment	—	—	442,109
9	Totals	438,187,603	150,448,509	14,536,592
		Group III carriers		
	Operating property and equipment:			
10	Flight equipment	29,944,160	13,847,004	3,890,923
11	Ground equipment	2,393,200	487,569	114,473
12	Buildings and other improvements	3,739,007	4,053,025	35,546
13	Total flight and ground property and equipment	36,076,367	18,387,598	4,040,942
14	Land	485,857	151,420	1,810
15	Construction work in progress	33,567	50,368	41,852
16	Total operating property and equipment	36,595,791	18,589,386	4,084,604
17	Non-operating property and equipment	186,405	105,531	—
18	Totals	36,782,196	18,694,917	4,084,604
		Group IV carriers		
	Operating property and equipment:			
19	Flight equipment	20,144,193	7,909,729	2,371,921
20	Ground equipment	2,382,947	456,301	83,845
21	Building and other improvements	2,472,128	471,139	36,738
22	Total flight and ground property and equipment	24,999,268	8,837,169	2,492,504
23	Land	240,598	13,479	2,980
24	Construction work in progress	5,425	97,046	5,425
25	Total operating property and equipment	25,245,291	8,947,694	2,500,909
26	Non-operating property and equipment	820,071	222,943	26,584
27	Totals	26,065,362	9,170,637	2,527,493

**TABLE 17. Property and Equipment and Accumulated Depreciation, Canadian Carriers, by Revenue Group,
Year Ended December 31, 1967**

Cost			Accumulated depreciation					No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year	End of year	
Debit	Credit			Debit	Credit			
dollars								
Group I and II carriers								
334,696	334,695	419,100,500	153,231,807	4,477,549	3,850,066	33,088,638	185,692,962	1
55,310	497,420	41,896,206	23,240,997	3,217,999	Dr. 337,786	5,020,296	24,705,508	2
—	—	48,052,045	14,128,583	78,138	—	1,862,441	15,912,886	3
390,006	832,115	509,048,751	190,601,387	7,773,686	3,512,280	39,971,375	226,311,356	4
—	—	21,374	—	—	—	—	—	5
—	4,484,946	60,544,449	—	—	—	—	—	6
390,006	5,317,061	569,614,574	190,601,387	7,773,686	3,512,280	39,971,375	226,311,356	7
442,109	—	—	—	442,109	442,109	—	—	8
832,115	5,317,061	569,614,574	190,601,387	8,215,795	3,954,389	39,971,375	226,311,356	9
Group III carriers								
1,593,259	1,181,508	40,311,992	14,691,795	2,781,278	519,006	2,731,026	15,160,549	10
31,534	13,211	6,784,619	1,432,986	84,524	44,510	289,642	1,682,614	11
—	—	3,756,486	1,423,295	16,747	38,924	209,535	1,655,007	12
1,624,793	1,194,719	50,853,097	17,548,076	2,882,549	602,440	3,230,203	18,498,170	13
—	—	635,467	—	—	—	99	99	14
—	—	42,083	—	—	—	—	—	15
1,624,793	1,194,719	51,530,647	17,548,076	2,882,549	602,440	3,230,302	18,498,269	16
—	21,180	270,756	62,876	6,628	—	39,143	95,391	17
1,624,793	1,215,899	51,801,403	17,610,952	2,889,177	602,440	3,269,445	18,593,660	18
Group IV carriers								
104,080	30,987	25,755,094	10,453,186	931,527	287,020	2,080,682	11,889,361	19
2,000	35,782	2,721,621	1,339,252	51,767	4,235	219,435	1,511,155	20
33,788	14,865	2,925,452	841,372	39,606	15,041	158,019	974,826	21
139,868	81,634	31,402,167	12,633,810	1,022,900	306,296	2,458,136	14,375,342	22
12,000	12,275	250,822	—	—	—	—	—	23
—	—	97,046	—	—	—	—	—	24
151,868	93,909	31,750,035	12,633,810	1,022,900	306,296	2,458,136	14,375,342	25
—	87,787	928,643	294,950	58,979	20,671	64,905	321,547	26
151,868	181,696	32,678,678	12,928,760	1,081,879	326,967	2,523,041	14,696,889	27

**TABLE 18. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1967**

No.		Cost		
		Beginning of year	Additions	Retirements
		dollars		
		Air Canada		
	Operating property and equipment:			
	Flight equipment:			
1	Airframes	209,539,339	76,968,048	6,582,771
2	Aircraft engines	50,426,628	12,050,411	1,006,600
3	Aircraft propellers	3,347,602	—	—
4	Aircraft communications and navigational equipment	4,873,024	1,660,372	45,800
5	Miscellaneous flight equipment	75,178	Dr. 264	—
6	Flight equipment spare parts and assemblies	19,880,210	4,557,435	178,646
7	Total flight equipment	288,141,981	95,236,002	7,813,817
	Ground property and equipment:			
8	Ramp equipment	8,624,933	2,166,013	214,412
9	Communications and meteorological equipment	365,272	16,104	39,093
10	Maintenance and engineering equipment	9,239,788	516,119	735,509
11	Surface transport vehicles and equipment	412,170	87,976	52,994
12	Furniture, fixtures and office equipment	2,339,889	396,318	1,615,447
13	Miscellaneous ground equipment	11,579,175	1,036,052	367,358
14	Buildings and other improvements	40,134,381	1,867,435	—
15	Total ground property and equipment	72,695,608	6,086,017	3,024,813
16	Land	—	—	—
17	Construction work in progress	26,860,734	28,106,838	—
18	Total operating property and equipment	387,698,323	129,428,857	10,838,630
19	Non-operating property and equipment	—	—	442,109
20	Total property and equipment	387,698,323	129,428,857	11,280,739
		Canadian Pacific Air Lines Ltd.		
	Operating property and equipment:			
	Flight equipment:			
21	Airframes	6,531,502	—	—
22	Aircraft engines	1,429,852	—	7,940
23	Aircraft propellers	208,858	1,953	2,500
24	Aircraft communications and navigational equipment	278,198	—	—
25	Miscellaneous flight equipment	350,689	164,733	—
26	Flight equipment spare parts and assemblies	5,195,353	2,285,378	1,157,384
27	Total flight equipment	13,994,452	2,452,064	1,167,824
	Ground property and equipment:			
28	Ramp equipment	1,489,352	201,915	37,691
29	Communications and meteorological equipment	41,560	—	—
30	Maintenance and engineering equipment	1,954,948	349,329	134,104
31	Surface transport vehicles and equipment	182,875	29,391	28,873
32	Furniture, fixtures and office equipment	679,753	83,767	5,599
33	Miscellaneous ground equipment	1,244,713	105,593	—
34	Buildings and other improvements	3,481,570	428,225	89,324
35	Total ground property and equipment	9,074,771	1,198,220	295,591
36	Land	1,605	1	1,000
37	Construction work in progress	—	5,436,594	—
38	Total operating property and equipment	23,070,828	9,086,879	1,464,415
39	Non-operating property and equipment	—	—	—
40	Total property and equipment	23,070,828	9,086,879	1,464,415

TABLE 18. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company.
Year Ended December 31, 1967

Cost			Accumulated depreciation						No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year		End of year	
Debit	Credit			Debit	Credit	Rate	Amount		
dollars									
Air Canada									
—	84,395	279,840,221	97,263,725	1,903,387	3,052,018	..	21,140,634	119,552,990	1
—	—	61,470,439	24,198,292	293,434	316,601	..	5,577,522	29,798,981	2
—	—	3,347,602	2,317,781	—	Dr. 15,444	..	533,875	2,836,212	3
—	—	6,487,596	2,719,080	13,350	391,570	..	499,725	3,597,025	4
—	—	74,914	33,024	—	Dr. 88	..	5,448	38,384	5
84,396	—	24,343,395	8,159,862	165,542	105,409	..	1,968,109	10,067,838	6
84,396	84,395	375,564,167	134,691,764	2,375,713	3,850,066	...	29,725,313	165,891,430	7
3,763	—	10,580,297	4,759,757	208,222	—	..	803,032	5,354,567	8
—	—	342,283	295,295	38,914	—	..	37,594	293,975	9
—	102,603	8,917,795	6,219,397	723,951	—	..	912,744	6,408,190	10
6,319	—	453,471	252,731	48,925	—	..	55,474	259,280	11
448	—	1,121,208	1,021,581	1,607,553	—	..	1,084,601	498,629	12
—	350,037	11,897,832	5,578,442	366,543	Dr. 337,786	..	1,485,118	6,359,231	13
—	—	42,001,816	12,051,603	—	—	..	1,626,021	13,677,624	14
10,530	452,640	75,314,702	30,178,806	2,994,108	Dr. 337,786	...	6,004,584	32,851,496	15
—	—	—	—	—	—	—	—	—	16
—	—	54,967,572	—	—	—	—	—	—	17
94,926	537,035	505,846,441	164,870,570	5,369,821	3,512,280	—	35,729,897	198,742,926	18
442,109	—	—	—	442,109	442,109	—	—	—	19
537,035	537,035	505,846,441	164,870,570	5,811,930	3,954,389	...	35,729,897	198,742,926	20
Canadian Pacific Air Lines Ltd.									
—	—	6,531,502	5,323,093	—	—	8.5	624,128	5,947,221	21
—	—	1,421,912	1,167,249	7,543	—	8.5	103,024	1,262,730	22
—	—	208,311	146,586	2,375	—	8.5	25,938	170,149	23
—	—	278,198	232,904	—	—	8.5	23,544	256,448	24
—	—	515,422	202,536	—	—	8.5	44,352	246,888	25
—	—	6,323,347	2,943,568	1,147,929	—	10.0	509,492	2,305,131	26
—	—	15,278,692	10,015,936	1,157,847	—	...	1,330,478	10,188,567	27
—	—	1,653,576	749,791	25,765	—	10.0	135,810	859,836	28
—	—	41,560	41,560	—	—	—	—	41,560	29
—	—	2,170,173	1,382,965	119,448	—	10.0	119,207	1,382,724	30
—	—	183,393	109,712	27,644	—	25.0	30,771	112,839	31
—	—	757,921	440,304	5,029	—	10.0	39,504	474,779	32
—	—	1,350,306	1,012,766	—	—	10.0	116,246	1,129,012	33
—	—	3,820,471	1,312,084	52,003	—	..	131,195	1,391,276	34
—	—	9,977,400	5,049,182	229,889	—	...	572,733	5,392,026	35
—	—	606	—	—	—	—	—	—	36
—	—	5,436,594	—	—	—	—	—	—	37
—	—	30,693,292	15,065,118	1,387,736	—	—	1,903,211	15,580,593	38
—	—	—	—	—	—	—	—	—	39
—	—	30,693,292	15,065,118	1,387,736	—	—	1,903,211	15,580,593	40

**TABLE 18. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1967 — Continued**

No.		Cost		
		Beginning of year	Additions	Retirements
		dollars		
		Eastern Provincial Airways (1963) Ltd.		
	Operating property and equipment:			
	Flight equipment:			
1	Airframes	2,677,308	198,399	—
2	Aircraft engines	940,481	80,000	9,100
3	Aircraft propellers	165,190	17,762	—
4	Aircraft communications and navigational equipment	382,723	30,478	6,905
5	Miscellaneous flight equipment	10,651	2,230	—
6	Flight equipment spare parts and assemblies	640,431	85,333	24,968
7	Total flight equipment	4,816,784	414,202	40,973
	Ground property and equipment:			
8	Ramp equipment	107,824	48,950	1,733
9	Communications and meteorological equipment	57,290	5,641	—
10	Maintenance and engineering equipment	94,639	14,433	721
11	Surface transport vehicles and equipment	8,518	527	800
12	Furniture, fixtures and office equipment	102,931	13,669	688
13	Miscellaneous ground equipment	58,565	3,809	—
14	Buildings and other improvements	833,232	37,533	—
15	Total ground property and equipment	1,262,999	124,562	3,942
16	Land	2,679	—	—
17	Construction work in progress	—	—	—
18	Total operating property and equipment	6,082,462	538,764	44,915
19	Non-operating property and equipment	—	—	—
20	Total property and equipment	6,082,462	538,764	44,915
		Pacific Western Airlines Ltd.		
	Operating property and equipment:			
	Flight equipment:			
21	Airframes	3,317,473	6,226,392	685,437
22	Aircraft engines	1,330,783	2,695,406	199,575
23	Aircraft propellers	53,763	524,382	44,000
24	Aircraft communications and navigational equipment	308,714	397,355	57,010
25	Miscellaneous flight equipment	59,311	24,557	98
26	Flight equipment spare parts and assemblies	818,660	997,066	52,029
27	Total flight equipment	5,888,704	10,865,158	1,038,149
	Ground property and equipment:			
28	Ramp equipment	—	—	—
29	Communications and meteorological equipment	141,916	—	2,915
30	Maintenance and engineering equipment	220,660	144,011	3,045
31	Surface transport vehicles and equipment	98,686	—	9,352
32	Furniture, fixtures and office equipment	171,529	22,281	3,355
33	Miscellaneous ground equipment	177,394	123,532	2,529
34	Buildings and other improvements	519,250	35,578	11,396
35	Total ground property and equipment	1,329,435	325,402	32,592
36	Land	1,525	—	—
37	Construction work in progress	4,484,946	140,283	—
38	Total operating property and equipment	11,704,610	11,330,843	1,070,741
39	Non-operating property and equipment	—	—	—
40	Total property and equipment	11,704,610	11,330,843	1,070,741

**TABLE 18. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1967 — Continued**

Cost		Accumulated depreciation							No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year		End of year	
Debit	Credit			Debit	Credit	Rate	Amount		
dollars									
Eastern Provincial Airways (1963) Ltd.									
—	—	2,875,707	825,873	—	—	—	284,080	1,109,953	1
—	—	1,011,381	242,097	1,396	—	—	98,680	339,381	2
—	—	182,952	32,380	—	—	—	16,540	48,920	3
—	—	406,296	106,686	—	—	—	38,798	145,484	4
—	—	12,881	335	—	—	—	1,100	1,435	5
300	300	700,796	125,326	2,890	—	—	84,697	207,133	6
300	300	5,190,013	1,332,697	4,286	—	—	523,895	1,852,306	7
39,858	44,780	150,119	40,932	839	—	—	16,808	56,901	8
—	—	62,931	24,714	—	—	—	11,426	36,140	9
3,803	—	112,154	42,088	419	—	—	20,256	61,925	10
674	—	8,919	7,895	—	—	—	247	8,142	11
445	—	116,357	44,717	587	—	—	21,013	65,143	12
—	—	62,374	42,377	—	—	—	11,307	53,684	13
—	—	870,765	121,147	—	—	—	37,991	159,138	14
44,780	44,780	1,383,619	323,870	1,845	—	—	119,048	441,073	15
—	—	2,679	—	—	—	—	—	—	16
—	—	—	—	—	—	—	—	—	17
45,080	45,080	6,576,311	1,656,567	6,131	—	—	642,943	2,293,379	18
—	—	—	—	—	—	—	—	—	19
45,080	45,080	6,576,311	1,656,567	6,131	—	—	642,943	2,293,379	20
Pacific Western Airlines Ltd.									
—	—	8,858,428	1,840,866	556,939	—	—	551,190	1,835,117	21
—	—	3,826,614	258,296	40,212	—	—	221,564	439,648	22
—	—	534,145	2,667	25,333	—	—	62,736	40,070	23
—	—	649,059	136,526	38,036	—	12.5	83,248	181,738	24
—	—	83,770	31,249	98	—	12.5	5,644	36,795	25
—	—	1,763,697	479,988	42,136	—	12.5	155,009	592,861	26
—	—	15,715,713	2,749,592	702,754	—	—	1,079,391	3,126,229	27
—	—	—	—	—	—	—	—	—	28
—	—	139,001	121,247	2,778	—	10	6,357	124,826	29
—	—	361,626	161,041	2,961	—	10	21,174	179,254	30
—	—	89,334	81,480	7,672	—	20	3,672	77,480	31
—	—	190,455	136,382	3,084	—	10	7,988	141,286	32
—	—	298,397	83,571	2,524	—	10	19,263	100,310	33
—	—	543,432	152,476	5,722	—	5 and 10	32,040	178,794	34
—	—	1,622,245	736,197	24,741	—	—	90,494	801,950	35
—	—	1,525	—	—	—	—	—	—	36
—	4,484,946	140,283	—	—	—	—	—	—	37
—	4,484,946	17,479,766	3,485,789	727,495	—	—	1,169,885	3,928,179	38
—	—	—	—	—	—	—	—	—	39
—	4,484,946	17,479,766	3,485,789	727,495	—	—	1,169,885	3,928,179	40

DOMINION BUREAU OF STATISTICS

**TABLE 18. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1967 — Concluded**

No.		Cost		
		Beginning of year	Additions	Retirements
		dollars		
		Quebecair Inc.		
	Operating property and equipment:			
	Flight equipment:			
1	Airframes	3,754,504	—	—
2	Aircraft engines	16,158	—	—
3	Aircraft propellers	—	—	—
4	Aircraft communications and navigational equipment	24,945	10,237	—
5	Miscellaneous flight equipment	23,585	—	—
6	Flight equipment spare parts and assemblies	—	—	—
7	Total flight equipment	3,819,192	10,337	—
	Ground property equipment:			
8	Ramp equipment	24,162	—	—
9	Communications and meteorological equipment	13,899	267	—
10	Maintenance and engineering equipment	106,431	459	—
11	Surface transport vehicles and equipment	—	—	—
12	Furniture, fixtures and office equipment	152,921	5,488	—
13	Miscellaneous ground equipment	27,160	337	—
14	Buildings and other improvements	—	—	—
15	Total ground property and equipment	324,573	6,551	—
16	Land	—	—	—
17	Construction work in progress	—	—	—
18	Total operating property and equipment	4,143,765	16,788	—
19	Non-operating property and equipment	—	—	—
20	Total property and equipment	4,143,765	16,788	—
		TransAir Ltd.		
	Operating property and equipment:			
	Flight equipment:			
21	Airframes	2,571,134	Dr. 103	427,495
22	Aircraft engines	1,032,680	—	145,229
23	Aircraft propellers	—	—	—
24	Aircraft communications and navigational equipment	170,686	250	24,636
25	Miscellaneous flight equipment	111,511	—	16,312
26	Flight equipment, spare parts and assemblies	250,000	—	—
27	Total flight equipment	4,136,011	147	613,672
	Ground property and equipment:			
28	Ramp equipment	—	—	—
29	Communications and meteorological equipment	76,913	3,789	7,668
30	Maintenance and engineering equipment	205,677	17,377	10,616
31	Surface transport vehicles and equipment	94,628	8,135	7,139
32	Furniture, fixtures and office equipment	109,241	3,892	3,153
33	Miscellaneous ground equipment	4,546	7,978	—
34	Buildings and other improvements	838,156	5,060	27,655
35	Total ground property and equipment	1,329,161	46,231	56,231
36	Land	22,443	—	5,879
37	Construction work in progress	—	—	—
38	Total operating property and equipment	5,487,615	46,378	675,782
39	Non-operating property and equipment	—	—	—
40	Total property and equipment	5,487,615	46,378	675,782

**TABLE 18. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1967 — Concluded**

Cost			Accumulated depreciation						No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year		End of year	
Debit	Credit			Debit	Credit	Rate	Amount		
dollars			dollars						
Quebecair Inc.									
—	—	3,754,504	2,878,515	—	—	10.0	240,374	3,118,889	1
—	—	16,158	1,616	—	—	10.0	1,616	3,232	2
—	—	—	—	—	—	—	—	—	3
—	—	35,182	2,495	—	—	10.0	3,518	6,013	4
—	—	23,585	13,558	—	—	10.0	2,082	15,640	5
—	—	—	—	—	—	—	—	—	6
—	—	3,829,429	2,896,184	—	—	—	247,590	3,143,774	7
—	—	—	—	—	—	—	—	—	—
—	—	24,162	14,548	—	—	10.0	1,771	16,319	8
—	—	14,166	1,930	—	—	10.0	1,417	3,347	9
—	—	106,890	73,086	—	—	10.0	8,606	81,692	10
—	—	—	—	—	—	—	—	—	11
—	—	158,409	97,341	—	—	10.0	14,325	111,666	12
—	—	27,497	15,932	—	—	10.0	2,569	18,501	13
—	—	—	—	—	—	—	—	—	14
—	—	331,124	202,837	—	—	—	28,688	231,525	15
—	—	—	—	—	—	—	—	—	16
—	—	—	—	—	—	—	—	—	17
—	—	4,160,553	3,099,021	—	—	—	276,278	3,375,299	18
—	—	—	—	—	—	—	—	—	19
—	—	4,160,553	3,099,021	—	—	—	276,278	3,375,299	20
TransAir Ltd.									
—	250,000	1,893,536	1,166,961	194,101	—	—	155,295	1,128,155	21
250,000	—	1,137,451	162,914	8,289	—	—	—	154,625	22
—	—	—	—	—	—	—	—	—	23
—	—	146,300	121,425	18,256	—	—	19,805	122,974	24
—	—	95,199	94,334	16,303	—	—	6,871	84,902	25
—	—	250,000	—	—	—	—	—	—	26
250,000	250,000	3,522,486	1,545,634	236,949	—	—	181,971	1,490,656	27
—	—	—	—	—	—	—	—	—	28
—	—	73,034	68,394	7,284	—	—	3,077	64,187	29
—	—	212,438	153,215	10,278	—	—	13,967	156,904	30
—	—	95,624	78,477	4,561	—	—	7,286	81,202	31
—	—	109,980	84,480	2,999	—	—	5,731	87,212	32
—	—	12,524	2,849	19	—	—	1,935	4,765	33
—	—	815,561	491,273	20,413	—	—	35,194	506,054	34
—	—	1,319,161	878,688	45,554	—	—	67,190	900,324	35
—	—	16,564	—	—	—	—	—	—	36
—	—	—	—	—	—	—	—	—	37
250,000	250,000	4,858,211	2,424,322	282,503	—	—	249,161	2,390,980	38
—	—	—	—	—	—	—	—	—	39
250,000	250,000	4,858,211	2,424,322	282,503	—	—	249,161	2,390,980	40

TABLE 19. Inventory of Commercial Aircraft¹ in Canada, as at January 15, 1968

	Fixed-wing aircraft			Helicopters			Total aircraft		
	No. owned	No. leased	Total owned and leased	No. owned	No. leased	Total owned and leased	No. owned	No. leased	Total owned and leased
Wt. Group A	246	24	270	—	—	—	246	24	270
Wt. Group B	844	169	1,013	31	8	39	875	177	1,052
Wt. Group C	779	153	932	237	17	254	1,016	170	1,186
Total all groups	1,869	346	2,215	268	25	293	2,137	371	2,508

¹ Aircraft with a valid certificate of airworthiness.

Note: Wt. Group A over 18,000 lb. take-off weight.

Wt. Group B Fixed-wing Aircraft — 2,501 — 18,000 lb. Helicopters 3,501 — 18,000 lb.

Wt. Group C Fixed-wing Aircraft under 2,501 lb. Helicopters under 3,501 lbs.

TABLE 20. Accidents to Aircraft of Canadian Registry, Apparent Cause by Type of Operation, 1967¹

Type of operation	Apparent cause of accidents												
	Personnel			Material failure					Weather	Landing surface	Miscellaneous	Undetermined	Grand total
	Errors of pilots	Errors of other personnel or crew members	Total	Power plant	Air frame	Landing gear	Equipment and accessories	Total					
	number												
Commercial operations:													
Scheduled:													
Domestic	—	—	—	—	—	—	—	—	—	—	—	—	—
International	—	—	—	—	—	—	—	—	—	—	—	—	—
Non-scheduled:													
Domestic	57	8	65	11	1	5	—	17	6	5	2	10	105
International	—	—	—	—	—	—	—	—	—	—	—	—	—
Contract	1	—	1	—	—	—	—	—	—	—	—	—	1
Specialty:													
Flying training	30	1	31	2	—	—	—	2	1	1	—	—	35
Recreational flying	21	—	21	—	—	—	—	—	—	—	—	1	22
Aerial photography and survey ²	7	—	7	1	1	—	—	2	—	—	—	—	9
Aerial photography	—	—	—	—	—	—	—	—	—	—	—	—	—
Areal inspection reconnaissance and advertising	4	—	4	1	—	—	—	1	1	—	—	2	8
Aerial application and distribution ³	3	—	3	—	—	—	—	—	—	—	—	1	4
Aerial control	4	—	4	1	—	—	—	1	—	—	—	1	6
Aerial construction	—	—	—	—	—	—	—	—	—	—	—	—	—
Air ambulance and mercy services	—	—	—	—	—	—	—	—	—	—	—	—	—
Aircraft rental	—	—	—	—	—	—	—	—	—	—	—	—	—
Non-transportation charter	—	—	—	—	—	—	—	—	—	—	—	—	—
Flying Clubs:													
Flying training	22	1	23	1	—	1	—	2	—	—	—	1	26
Recreational flying	10	—	10	—	—	—	—	—	—	—	—	—	10
Private:													
Company business	18	2	20	1	—	1	—	2	—	1	—	2	25
Test	3	1	4	2	—	—	—	2	—	1	—	1	8
Training-check	8	1	9	1	—	1	—	2	—	1	—	—	12
Recreational flying	128	9	137	15	—	7	—	22	4	7	4	4	178
Aerial pest control	2	1	3	—	—	—	—	—	—	—	—	—	3
Other	1	—	1	—	—	—	—	—	—	—	—	—	1
Miscellaneous: ⁴													
Ferry	6	1	7	2	—	—	—	2	—	—	—	—	9
Positioning	2	—	2	—	—	—	—	—	—	—	—	—	2
State	3	1	4	1	—	—	—	1	—	—	—	2	7
Missing enroute	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals, non-commercial operations	203	17	220	23	—	10	—	33	4	10	4	10	281
Grand totals	330	26	356	39	2	15	—	56	12	16	6	25	471

¹ As reported by Civil Aviation Branch, Department of Transport.

² Includes geophysical survey.

³ Includes aerial fish cultivation and aerial pest control.

⁴ Includes accidents occurring during non-revenue flights of commercial aircraft.

TABLE 21. Accidents to Aircraft of Canadian Registry, Casualties by General Type of Operation, 1966 and 1967¹

Accidents and casualties	General type of operations					
	Commercial		Non-commercial ²		Total	
	1967	1966	1967	1966	1967	1966
Total accidents	234	208	238	214	472	422
Fatal accidents	37	34	47	30	84	64
Casualties:						
Pilot:						
Killed	32	30	45	27	77	57
Seriously injured	19	15	17	13	36	28
Co-pilot:						
Killed	4	3	1	—	5	3
Seriously injured	1	—	—	—	1	—
Flight engineer:						
Killed	1	—	—	—	1	—
Seriously injured	—	—	—	—	—	—
Cabin attendant:						
Killed	—	7	—	—	—	7
Seriously injured	—	—	—	—	—	—
Other crew:						
Killed	—	—	—	—	—	—
Seriously injured	—	—	—	—	—	—
Passengers:						
Killed	30	84	40	19	70	103
Seriously injured	24	26	15	19	39	45
Third party:						
Killed	1	1	—	—	1	1
Seriously injured	—	1	1	—	1	1
Totals:						
Killed	68	125	86	46	154	171
Seriously injured	44	42	33	32	77	74

¹ As reported by Civil Aviation Branch, Department of Transport.² Includes private and state flying as well as non-revenue flights of commercial aircraft.TABLE 22. Personnel and Airport Licenses in Force and Aircraft Registered as of December 31, 1966 and 1967¹

Personnel	In force December 31, 1967	In force December 31, 1966	Aircraft registered	Total December 31, 1967	Total December 31, 1966
	number			number	
Pilots:			Commercial	2,486	2,253
Glider	1,025	917	Private	6,047	5,499
Private	21,089	18,710	State	214	203
Commercial	4,268	3,550	Commercial (restricted)	75	76
Senior commercial	507	405	Ultra light	292	240
Airline transport	2,145	1,749	Experimental	23	20
Totals	29,034	25,331	Private (restricted)	25	19
Air navigators	179	171	Totals	9,162	8,310
Air traffic controllers	865	813	Airports	In force December 31, 1967	In force December 31, 1966
Flight engineers	102	65	Number of airports	721	711
Aircraft maintenance engineers	2,632	2,539			

¹ As reported by Civil Aviation Branch, Department of Transport.

CIVIL AVIATION DEFINITIONS

Bulk transportation	(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4). (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Cargo, Air	Air freight and air express (excluding mail and excess baggage).
Carrier, Air	One authorized to operate aircraft in or over Canada for hire or reward.
Carrier, non-scheduled	Carriers not operating any scheduled (Class 1 or Class 8) service.
Carrier, scheduled	Carriers serving designated points in accordance with a service schedule and at a toll per unit.
Express, Air	A package service operated only within the U.S.A. and Canada; the rates cover door-to-door service. Because Air Express shipments take priority over Air Freight they command higher rates.
Freight, Air	Property carried at published tariff rates per unit of measure or weight.
Goods, revenue	Air cargo (freight and express) plus mail and excess baggage.
Group I carriers	Canadian Air Carriers licensed to perform both domestic and international scheduled services, (Air Canada and Canadian Pacific Air Lines Ltd.).
Group II carriers	Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd. (For statistical purposes Nordair is included in Group III).
Group III carriers	Canadian Air Carriers, licensed to perform non-scheduled services, with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
Group IV carriers	Canadian Air Carriers, licensed to perform non-scheduled services, with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
Group V carriers	Canadian Air Carriers, licensed to perform non-scheduled services, with gross annual flying revenues of less than \$100,000.
Interline traffic:	
Divisional interline	Passengers and goods received from other operating divisions of the same carrier.
Domestic interline	Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
Foreign interline	Passengers and goods received by a carrier from Foreign Air Carriers.
International Services:	
Pacific and Orient Services	Services between Canada and points in the Pacific Ocean, Orient and Australasia.
Southern Services	Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
Trans-Atlantic and Polar Services	Services between Canada and Europe.
Trans-border Services	Services between Canada and the United States except Hawaii.
Load capacity available	Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.
Miles	Statute miles of 5,280 ft.
Passenger	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.
Non-revenue passenger	A person (including company personnel other than crew) carried on a revenue transportation flight for whom no fare is collected.
Revenue passenger	A child or adult for whom a fare or part of a fare is paid.
Passenger load-factor	Ratio of revenue passenger-miles performed to available seat-miles.
Passenger-mile	The transportation of one passenger one mile.
Seat-miles available	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.
Specialty Flying Services	Non-transportation flying services such as flying training, aerial photography, and aerial inspection.
Tons	Short tons of 2,000 lbs.
Ton-miles	The transportation of one ton of goods one mile or any combination of weight in pounds and number of miles flown the product of which is 2,000.
Ton-miles available	Available load capacity multiplied by miles flown on each inter-station flight.
Unit toll transportation	Public transportation of passengers and goods at a toll per unit. It includes: (i) scheduled services between designated points in accordance with a schedule (Class 1); and (ii) non-scheduled services either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
Weight load factor	Ratio of revenue ton-miles performed to available ton-miles.

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CIVIL AVIATION

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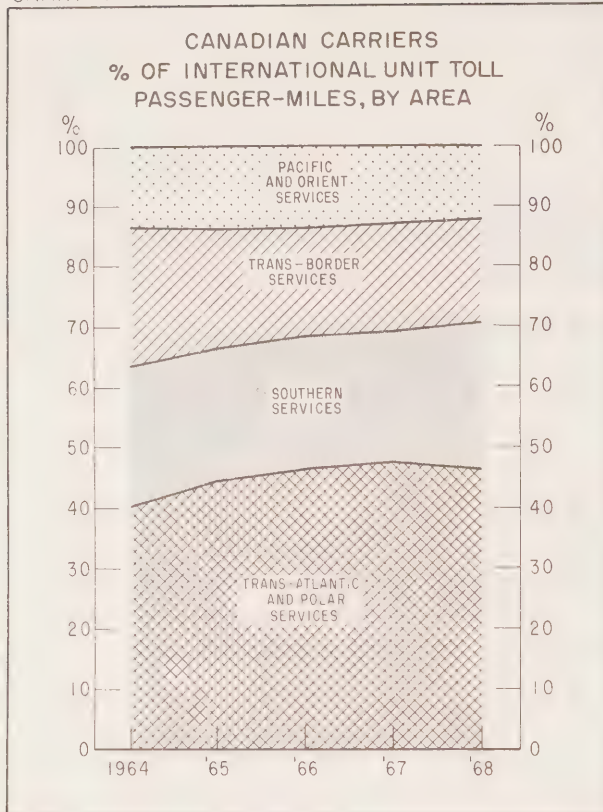


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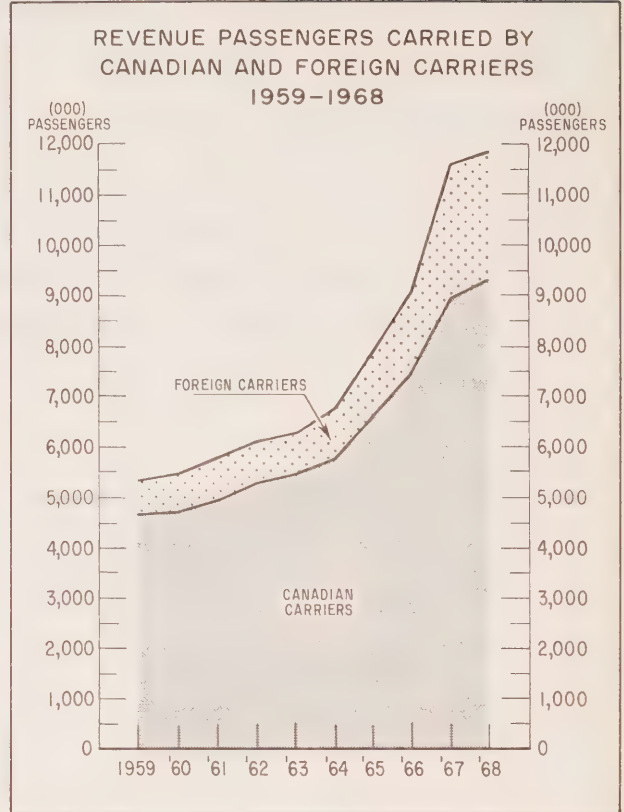


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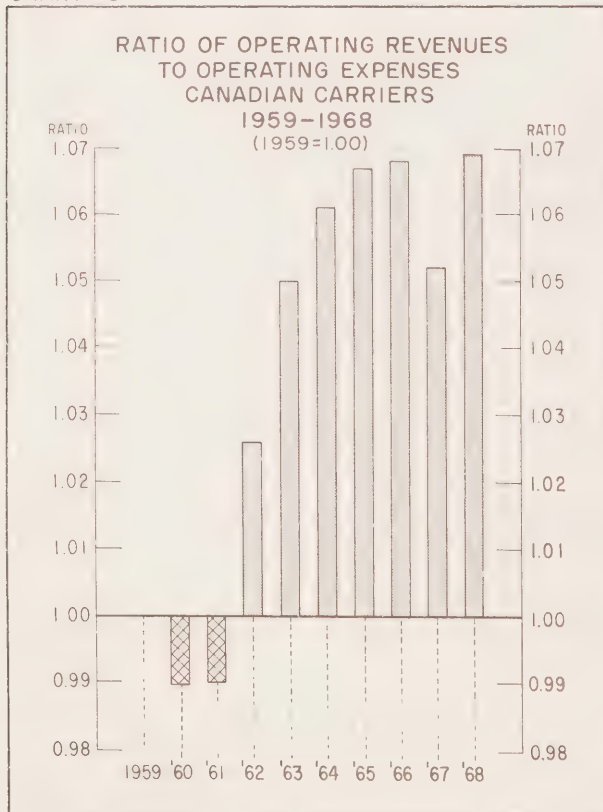
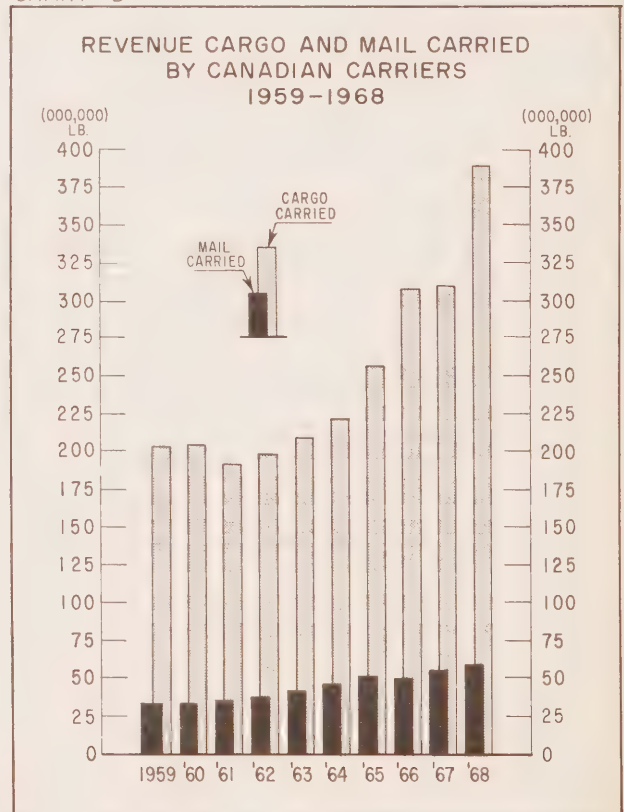


CHART-D



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The figures presented in this publication cover the operating and financial data submitted by Canadian carriers and foreign air carriers operating scheduled services between Canada and other countries. Statistics of Canadian airlines include both their domestic and international flights while figures for foreign companies cover their hours and miles flown over Canadian territory only. Passengers and goods in transit through Canada are not included. Because the coverage given to Canadian airlines differs from that given to foreign airlines the statistics shown under similar headings are not directly comparable.

In this report, Canadian air carriers have been divided into five groups based on gross annual flying revenues and the type of service (scheduled or non-scheduled) performed. Definitions of these groups and of other terms used are given on the last two pages of the publication. The number of Canadian carriers which submitted annual reports for 1968 in each group is as follows:

Group I	2
Group II	4
Group III	29
Group IV	82
Group V	325
Total	442

The total number of air carriers reporting varies slightly from year to year, chiefly because of entries, withdrawals and amalgamations of small air carriers. Changes in the number of small firms are of little significance in the total figures for all categories but there can be significant changes within groups and from one group to another depending upon the activities of individual companies. These changes tend to produce distortions in comparisons of specific groups over a period of years.

Because Nordair Ltd. did not operate Class I services during 1968 it is included in Group III for statistical purposes, even though it is comparable in gross revenue to the carriers in Group II.

Since Group V carriers file reports on a quarterly basis only, data on their operations are not available for monthly publication but are shown in a special table in the monthly report for March, June, September and December. This Group V information is not included in totals for all carriers shown in other tables throughout the report. To be consistent with the monthly publication this practice has been continued in the annual report. Although they are by far the largest group in terms of numbers, the Group V carriers are not significant in terms of revenue; their reported operating revenues usually amount to less than 4 per cent of the total operating revenues of all Canadian carriers.

In Table 7 domestic and international operations of Canadian carriers are shown separately. All other tables show totals for all areas of service.

Wherever it is practical to do so, figures for services sold on a unit toll basis are subdivided into scheduled operations and non-scheduled operations. However, a complete breakdown is not possible because some air carriers offer both types of service on the same route. In such cases the route is designated scheduled or non-scheduled according to the type of service which predominates.

Financial statistics of Canadian carriers which are shown in Tables 8 to 16 are collected and compiled according to definitions and procedures outlined in a set of manuals entitled "Uniform System of Accounts and Reports for Commercial Air Carriers".

Review of 1968 Operations

The number of revenue passengers carried by all services of Canadian air carriers in groups I-IV during 1968 was 9,305,478, an increase of 4.0 per cent over 1967. Foreign airlines carried 2,552,223 revenue passengers for a decrease of 3.6 per cent from 1967. The abnormally high traffic volume generated by Expo 67 has caused a less than normal increase from 1967 to 1968. Revenue passengers carried by unit toll services of Canadian carriers rose 3.3 per cent over the previous year, from 8,157,263 in 1967 to 8,428,972 passengers in 1968.

Miles flown by Canadian and foreign air carriers on scheduled unit toll services rose from 124,847,746 to 139,542,867 miles, for an increase of 11.8 per cent, and hours flown increased 8.8 per cent over 1967 for the same services.

The ratio of operating revenues to operating expenses rose considerably from 1.052 in 1967, to 1.069 in 1968. This increase shows well on chart C, page 4. Net income after taxes rose 17.3 per cent from \$10,201,222 to \$11,970,627. At year end, the total assets reported by Canadian carriers were valued at \$742,243,559, as compared with \$570,882,400 for 1967.

Helicopters

Carriers operating helicopters exclusively reported 133,562 revenue hours, an increase of 8.1 per cent over 1967. These operations accounted for 89.7 per cent of the total number of hours flown by all helicopters. Of the total number of revenue hours flown for all types of services, by all types of aircraft, the revenue hours flown by helicopters accounted for 12.9 per cent. Of the total amount of assets reported by all Canadian carriers, helicopter carriers' share was 3.1 per cent.

General Factors

Services.—From June 16 to July 1, 1968, BOAC was on strike. Only one return flight daily to Britain was operated during this period.

For the months of May and June, Air France had reduced and sporadic service into Montreal.

In September, Japan Air Lines Ltd. initiated scheduled service into Canada, at Vancouver.

Other factors.—A Canadian postal strike took place from July 18 to August 8.

Effective September 1, 1968, all 1st class mail from the United States to Canada was transported by air rather than by surface.

SYMBOLS

The following standard symbols are used in Dominion Bureau of Statistics publications:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- amount too small to be expressed.
- P preliminary figures.
- r revised figures.

TABLE 1. Statistical Summary of Commercial Aviation in Canada, 1963-1968

	1968	1967	1966	1965	1964	1963
Canadian carriers — Group I to IV						
Revenue operations						
Unit toll services:						
Hours flown	No. 486,923	447,599	376,783	335,379	300,798	298,655
Miles flown	" 139,392,852	123,838,207	100,158,972	86,334,027	76,404,782	75,746,629
Passengers carried	" 8,428,972	8,157,263	6,737,425	5,939,267	5,197,579	4,864,855
Cargo and excess baggage carried	lb. 236,067,640	190,785,392	181,254,830	147,004,678	117,497,668	99,063,385
Mail carried	" 59,188,791	55,445,778	49,019,825	50,440,235	46,804,224	41,892,927
Passenger-miles	No. 7,525,660,146	6,935,143,376	5,606,619,064	4,731,304,865	3,939,075,129	3,623,020,400
Cargo and excess baggage ton-miles	" 177,139,233	128,039,194	111,563,285	88,228,205	69,038,182	53,618,163
Mail ton-miles	" 30,716,462	28,725,430	24,844,304	21,772,396	18,952,877	17,530,240
Bulk services:						
Hours flown	" 427,530	397,656	376,017	319,926	263,541	250,988
Miles flown	" 42,138,169	36,654,316	34,899,847	30,903,936	27,046,832	26,818,278
Passengers carried	" 876,506	790,587	724,262	631,182	584,509	562,489
Freight carried	lb. 153,506,525	120,603,513	126,826,164	108,947,834	106,124,248	110,102,115
Passenger-miles ¹	No. 643,968,995	392,103,899	376,714,577	464,825,765	469,807,322	..
Goods ton-miles ¹	" 18,854,520	13,330,317	11,461,634	13,507,018	17,839,881	..
Other flying services (specialty):						
Hours flown	" 244,009	255,694	187,634	126,469	97,169	80,930
Total, all services:²						
Hours flown ²	" 1,158,462	1,100,949	940,434	781,774	661,508	630,573
Miles flown	" 181,531,021	160,492,523	135,058,819	117,237,963	103,451,614	102,564,907
Passengers carried	" 9,305,478	8,947,850	7,461,687	6,570,449	5,782,088	5,427,344
Cargo and excess baggage carried	lb. 389,574,165	311,388,905 ⁴	308,080,994	255,952,512	223,621,916	209,165,500
Goods carried ³	" 448,762,956	366,834,683	357,100,819	306,392,747	270,426,140	251,058,427
Passenger-miles	No. 8,169,629,141	7,327,247,275	5,983,333,641	5,196,130,630	4,408,882,451	..
Goods ton-miles	" 226,710,215	170,094,941	147,869,223	123,507,619	105,830,940	..
Non-revenue operations						
Hours flown	" 42,916	44,817	42,691	29,898	21,363	21,738
Passengers carried	" 55,191	47,022	40,808	38,336	36,026	..
Goods carried ³	lb. 3,954,377	3,047,739	3,420,766	3,353,674	3,196,432	..
Passenger-miles	No. 405,322,479	290,276,354	254,032,603	224,745,710	207,986,297	203,399,987
Goods ton-miles	" 9,488,085	8,746,168	8,649,711	7,995,872	7,709,768	6,601,370
Selected revenue and expense items:						
Fuel	gal. 397,608,956	348,327,974	292,926,470	249,336,707	218,042,305	207,490,519
Cost	\$ 64,946,784	54,341,529	47,041,340	40,536,285	36,169,043	34,939,058
Oil	gal. 498,915	481,991	457,607	395,347	343,128	405,999
Cost	\$ 1,275,579	1,134,880	1,015,553	895,341	822,091	793,547
Average number of employees	No. 26,550	24,686	21,440	19,007	17,795	17,577
Salaries and wages paid	\$ 214,642,855	186,901,990	151,137,835	129,774,695	116,465,350	108,538,372
Operating revenues	\$ 616,376,661	544,542,527	460,739,579	392,806,566	334,930,874	308,835,913
Operating expenses	\$ 576,464,088	517,335,426	431,382,156	368,207,884	315,569,629	294,142,170
Operating income (loss)	\$ 39,912,573	27,207,101	29,357,423	24,598,682	19,361,245	14,693,743
Net income or deficit after income taxes	\$ 11,970,627	10,201,222	13,866,452	13,181,834	8,393,110	1,390,060
Canadian and foreign carriers⁵						
Revenue operations						
Hours flown (all services)	No. 1,188,228	1,128,736	963,067	801,129	679,784	646,956
Miles flown (transportation services)	" 192,935,045	171,195,228	143,589,016	124,448,003	110,138,322	108,282,021
Passengers carried (transportation services)	" 11,857,701	11,596,102	9,023,691	7,838,539	6,774,652	6,278,298
Cargo and excess baggage carried (transportation services)	lb. 471,745,746	374,183,884	359,719,124	291,499,029	250,789,269	229,636,108
Mail carried (transportation services)	" 68,294,540	61,666,351	53,929,067	54,677,855	50,705,488	45,210,723
Passenger-miles (unit toll transportation)	No. 8,066,168,412	7,558,559,689	6,025,992,516	5,065,493,215	4,200,293,067	3,832,248,493
Cargo and excess baggage (unit toll transportation) ton-miles	" 198,853,796	146,446,329	124,594,946	97,177,466	75,908,279	58,747,717
Mail ton-miles (unit toll transportation)	" 32,188,125	30,589,694	25,887,527	22,735,329	19,897,070	18,302,847

¹ Not reported for aircraft of less than 18,000 lb. take-off weight.² All services excludes specialty flying services except for number of hours flown.³ Freight, express, excess baggage and mail.⁴ Excess baggage not reported by Air Canada.⁵ See Introduction, page 5. (Statistics of Canadian airlines includes both domestic and international flights while figures for foreign carriers cover hours and miles flown over Canadian territory only).

TABLE 2. Operating Statistics, Canadian Carriers, Group I to IV and Foreign Carriers, 1968

		Canadian carriers ¹				Foreign carriers ¹			Grand total all carriers
		Scheduled carriers	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other foreign carriers ³	
			Group I and II	Group III ²	Group IV					Total
Number of carriers reporting.....		6	29	82	111	117	11	11	139
Revenue operations									
Unit toll services:									
Departures.....	No.	295,385	54,022	51,697	105,719	401,104			
Hours flown.....	"	423,909	35,302	27,712	63,014	486,923	7,032	22,044	515,999
Miles flown.....	"	126,594,268	...	...	...	126,594,268	2,440,543	8,764,414	137,799,225
Miles scheduled.....	"	128,394,688	...	...	...	128,394,688	2,368,261	8,779,918	139,542,867
Scheduled services.....	"	2,373,021	4,804,352	3,820,791	8,625,143	10,998,164	—	—	10,998,164
Non-scheduled services.....	"	130,767,709	4,804,352	3,820,791	8,625,143	139,392,852	2,368,261	8,779,918	150,541,031
Totals.....	"	8,207,631	119,132	102,209	221,341	8,428,972	1,974,291	523,530	10,926,793
Passengers carried.....	"	221,340,916	8,485,607	3,718,386	12,203,993	233,544,909	32,041,800	49,597,013	317,706,453
Goods carried:									
Cargo.....	lb.	1,818,802	535,230	168,699	703,929	2,522,731	5,690,176	3,415,573	68,294,540
Excess baggage ⁵	"	54,830,841	2,921,802	1,436,148	4,357,950	59,188,791	5,690,176	3,415,573	68,294,540
Mail.....	"	277,990,559	11,942,639	5,323,233	17,265,872	295,256,431	37,731,976	53,012,586	386,000,993
Totals.....	"	7,485,732,569	25,648,345	14,279,232	39,927,577	7,525,660,146	86,508,681	453,999,585	8,066,168,412
Passenger-miles.....	No.	172,956,117	2,805,850	365,541	3,171,391	176,127,508	816,043	20,898,520	198,853,796
Goods ton-miles:									
Cargo.....	"	891,182	103,130	17,113	120,243	1,011,725	127,788	1,343,875	32,188,125
Excess baggage.....	"	29,882,179	678,465	155,818	834,283	30,716,462	127,788	1,343,875	32,188,125
Mail.....	"	203,729,778	3,587,445	538,472	4,125,917	207,855,695	943,831	22,242,395	231,041,921
Totals.....	"	16,930	140,129	223,154	363,283	380,213	46	644	428,220
Bulk services:									
Departures.....	"	27,363	191,965	208,202	400,167	427,530	7,078	22,688	1,188,228
Hours flown.....	"	5,937,852	15,521,530	20,678,787	36,200,317	42,138,169	16,514	239,331	42,394,014
Miles flown.....	"	156,307	341,631	378,568	720,199	876,506	7,982	46,420	930,908
Passengers carried.....	"	29,090,728	69,487,782	54,928,015	124,415,797	153,506,525	228,200	304,568	154,039,293
Freight carried.....	lb.	294,637,912	340,565,221	8,765,862	349,331,083	643,968,995	37,960,176	53,317,154	540,040,286
Passenger-miles ⁶	No.	11,204,932	6,597,688	1,051,900	7,649,588	18,854,520	..	..	..
Goods ton-miles ⁶	"	3,447	96,129	144,433	240,562	244,009	—	—	244,009
Other flying services (specialty):									
Hours flown.....	"	312,315	194,151	274,851	469,002	781,317	..	..	..
Total — All services: ⁷	"	454,719	323,396	380,347	703,743	1,158,462	7,078	22,688	1,188,228
Departures.....	"	136,705,561	20,325,882	24,499,578	44,825,460	181,531,021	2,384,775	9,019,249	192,935,045
Hours flown.....	"	8,363,938	460,763	480,777	941,540	9,305,478	1,982,273	569,950	11,857,701
Miles flown.....	"	250,431,644	77,973,389	58,646,401	136,619,790	389,574,165	32,270,000	49,901,581	471,745,746
Passengers carried.....	lb.	307,081,287	81,430,421	60,251,248	141,681,669	448,762,956	37,960,176	53,317,154	540,040,286
Cargo carried ⁵	"	7,780,370,481	366,213,566	23,045,094	389,258,660	8,169,629,141	..	..	..
Goods carried ⁵	No.	214,934,710	10,185,133	1,590,372	11,775,505	226,710,215	..	..	..
Goods ton-miles.....	"	14,936	14,622	13,358	27,980	42,916	54	74	43,044
Non revenue operations									
Hours flown.....	"	52,379	2,055	757	2,812	55,191	41,003	12,778	108,972
Passengers carried ⁵	"	2,892,969	576,581	484,827	1,061,408	3,954,377	578,992	833,049	5,366,418
Goods carried ⁵	lb.	403,213,293	1,947,355	161,831	2,109,186	405,322,479	1,883,684	9,829,291	417,035,454
Passenger-miles.....	No.	9,093,676	365,326	29,083	394,409	9,488,085	16,064	990,313	10,494,462
Goods ton-miles.....	"								
Selected expense items:									
Turbo fuel:									
Quantity.....	gal.	356,716,480	8,655,039	944,564	9,599,603	366,316,083	14,810,092	60,801,871	441,928,046
Cost.....	\$	50,748,363	1,833,493	302,142	2,135,635	52,883,998	2,528,660	9,883,172	65,295,830
Gasoline:									
Quantity.....	gal.	14,717,634	10,281,266	6,293,973	16,575,239	31,292,873	—	10,088	31,302,961
Cost.....	\$	4,816,291	4,393,816	2,852,679	7,246,495	12,062,786	—	2,896	12,065,682
Oil consumed:									
Turbo aircraft:									
Quantity.....	gal.	80,403	1,374	5,803	7,177	87,580	2,533	1,395	91,508
Cost.....	gal.	658,886	7,977	3,208	11,185	670,071	16,383	12,520	698,974
Other aircraft:									
Quantity.....	gal.	147,182	152,725	111,428	264,153	411,335	—	112	411,447
Cost.....	\$	167,882	242,395	195,231	437,626	605,508	—	113	605,621
Average number of employees:									
Pilots and co-pilots.....	No.	1,811	574	549	1,123	2,934	..	..	..
Other flight personnel.....	"	2,175	106	34	140	2,315	..	..	..
General management.....	"	421	190	154	344	765	..	..	..
Maintenance labour.....	"	4,845	569	463	1,032	5,877	..	..	..
Aircraft and traffic servicing.....	"	7,858	199	95	294	8,152	..	..	..
Other personnel.....	"	5,947	320	240	560	6,507	..	..	..
Totals.....	"	23,057	1,958	1,535	3,493	26,550	649	796	27,995
Salaries and wages paid:									
Pilots and co-pilots.....	\$	29,013,883	5,987,599	4,926,831	10,914,430	39,928,313	..	..	..
Other flight personnel.....	\$	14,248,199	669,703	282,618	952,321	15,200,520	..	..	..
General management.....	\$	5,997,468	1,980,282	1,328,245	3,308,527	9,305,995	..	..	..
Maintenance labour.....	\$	38,242,983	4,104,183	2,959,042	7,063,225	45,306,208	..	..	..
Aircraft and traffic servicing.....	\$	54,593,044	953,333	472,960	1,426,293	56,019,337	..	..	..
Other personnel.....	\$	45,859,462	1,559,140	1,463,880	3,023,020	48,882,482	..	..	..
Totals.....	\$	187,955,039	15,254,240	11,433,576	26,687,816	214,642,855	4,774,458	6,009,455	225,426,768

¹ See Introduction, page 5.² Nordair Ltd. included with Group III carriers for purposes of this report.³ Includes fifth freedom traffic between United States and Canada.⁴ Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.⁵ Excludes Air Canada.⁶ Not reported for aircraft of less than 18,000 lb. take-off weight.⁷ "All services" excludes "Specialty flying services" except for number of hours flown.

TABLE 3. Statement of Income, Canadian Carriers — All Services, by Revenue Group, Year Ended December 31, 1968

	Scheduled carriers			Non-scheduled carriers			Grand total 1968	Grand total 1967
	Group I	Group II ¹	Total	Group III ¹	Group IV	Total		
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	416,523,384	20,707,908	437,231,292	3,693,618	2,074,135	5,767,753	442,999,045	398,645,835
Express	8,785,489	519,938	9,305,427	80,694	51,655	132,349	9,437,776	7,458,353
Freight	35,289,538	3,079,302	38,368,840	1,840,590	346,249	2,186,839	40,555,679	30,807,809
Excess baggage	2,116,208	361,029	2,477,237	126,447	26,613	153,060	2,630,297	2,298,605
Mail	21,147,083	1,948,798	23,095,881	972,581	353,114	1,325,695	24,421,576	23,586,720
Total unit toll transportation	483,861,702	26,616,975	510,478,677	6,713,930	2,851,766	9,565,696	520,044,373	462,797,322
Bulk transportation	5,297,452	10,055,290	15,352,742	35,585,458	20,760,160	56,345,618	71,698,360	58,345,398
Total transportation	489,159,154	36,672,265	525,831,419	42,299,388	23,611,926	65,911,314	591,742,733	521,142,720
Other flying services	87,717	1,025,591	1,113,308	7,228,983	5,567,699	12,796,682	13,909,990	13,381,706
Total flying services	489,246,871	37,697,856	526,944,727	49,528,371	29,179,625	78,707,996	605,652,723	534,524,426
Non-flying services	5,078,679	1,598,256	6,676,935	1,713,869	2,333,134	4,047,003	10,723,938	10,018,101
Total operating revenue	494,325,550	39,296,112	533,621,662	51,242,240	31,512,759	82,754,999	616,376,661	544,542,527
Operating expenses:								
Flying operations	116,895,565	13,038,710	129,934,275	22,155,663	13,082,269	35,237,932	165,172,207	143,313,599
Maintenance	82,457,503	10,688,985	93,146,488	12,986,426	7,644,557	20,630,983	113,777,471	106,474,411
General services and administration:								
Passenger service	47,273,918	2,106,096	49,380,014	..	..	..	..	..
Aircraft and traffic servicing	70,747,440	5,227,423	75,974,863	..	..	..	..	..
Promotion and sales	78,529,111	2,829,950	81,359,061	..	..	..	..	..
General administration	20,882,673	2,971,344	23,854,017	..	..	..	..	..
Totals	217,433,142	13,134,813	230,567,955	10,161,286	5,365,548	15,526,834	246,094,789	217,539,773
Depreciation and amortization	41,594,312	2,560,840	44,155,152	3,946,643	3,317,826	7,264,469	51,419,621	50,007,643
Total operating expenses	458,380,522	39,423,348	497,803,870	49,250,018	29,410,200	78,660,218	576,464,088	517,335,426
Operating income (loss)	35,945,028	Dr. 127,236	35,817,792	1,992,222	2,102,559	4,094,781	39,912,573	27,207,101
Non-operating income—Net:								
Capital gains and losses	23,768	161,530	185,298	523,240	223,894	747,134	932,432	1,401,447
Interest and discounts	6,785,990	165,296	6,951,286	247,860	18,623	266,483	7,217,769	6,350,237
Miscellaneous non-operating income	525,283	902,458	1,427,741	171,603	107,018	278,621	1,706,362	394,897
Income before interest expense	43,280,069	1,102,048	44,382,117	2,934,925	2,452,094	5,387,019	49,769,136	35,353,682
Interest expense	22,012,864	1,808,625	23,821,489	1,544,871	864,748	2,409,619	26,231,108	18,822,538
Income before income taxes	21,267,205	Dr. 706,577	20,560,628	1,390,054	1,587,346	2,977,400	23,538,028	16,531,144
Provision for income taxes	10,708,600	214,200	10,922,800	420,197	224,404	644,601	11,567,401	6,329,922
Net income after income taxes	10,558,605	Dr. 920,777	9,637,828	969,857	1,362,942	2,332,799	11,970,627	10,201,222

¹ Nordair Ltd. included with Group III carriers for purposes of this report.

TABLE 4. Statement of Income, Canadian Scheduled Carriers — All Services, by Company, Year Ended December 31, 1968

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total 1968	Total 1967
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	328,136,847	88,386,537	3,332,169	8,780,926	5,158,779	3,436,034	437,231,292	393,841,596
Express	7,961,583	823,906	71,106	326,692	—	122,140	9,305,427	7,352,356
Freight	26,811,020	8,478,518	872,650	1,103,130	809,901	293,621	38,368,840	29,112,226
Excess baggage	1,448,302	667,906	65,796	173,458	103,622	18,153	2,477,237	2,166,778
Mail	14,633,550	6,513,533	747,158	697,744	169,783	334,113	23,095,881	22,585,719
Total unit toll transportation	378,991,302	104,870,400	5,088,879	11,081,950	6,242,085	4,204,061	510,478,677	455,058,675
Bulk transportation	5,030,009	267,443	1,585,679	6,536,053	34,121	1,899,437	15,352,742	11,878,039
Total transportation	384,021,311	105,137,843	6,674,558	17,618,003	6,276,206	6,103,498	525,831,419	466,936,714
Other flying services	87,717	—	1,025,591	—	—	—	1,113,308	1,553,956
Total flying services	384,109,028	105,137,843	7,700,149	17,618,003	6,276,206	6,103,498	526,944,727	468,490,670
Non-flying services	3,518,538	1,560,141	1,446,498	—	782	150,976	6,676,935	6,573,162
Total operating revenue	387,627,566	106,697,984	9,146,647	17,618,003	6,276,988	6,254,474	533,621,662	475,063,832
Operating expenses:								
Flying operations	83,524,495	33,371,070	2,594,981	5,533,493	2,654,581	2,255,675	129,934,275	114,236,129
Maintenance	69,829,021	12,628,482	2,781,320	3,868,172	1,960,816	2,078,677	93,146,488	88,983,690
General services and administration:								
Passenger service	36,267,987	11,005,931	355,968	1,094,706	237,914	417,508	49,380,014	42,944,454
Aircraft and traffic servicing	57,960,632	12,786,808	1,561,565	2,180,094	510,473	975,291	75,974,863	65,938,437
Promotion and sales	56,514,844	22,014,267	291,688	1,132,985	1,062,453	342,824	81,359,061	75,583,369
General administration	15,844,276	5,038,397	474,667	1,302,925	678,631	515,121	23,854,017	20,610,686
Totals	166,587,739	50,845,403	2,683,888	5,710,710	2,489,471	2,250,744	230,567,955	205,076,946
Depreciation and amortization	39,668,612	1,925,700	648,107	1,439,480	170,814	302,439	44,155,152	44,166,353
Total operating expenses	359,609,867	98,770,655	8,708,296	16,551,855	7,275,662	6,887,535	497,803,870	452,463,118
Operating income (loss)	28,017,699	7,927,329	438,351	1,066,148	Dr. 998,674	Dr. 633,061	35,817,792	22,600,714
Non-operating income—Net:								
Capital gains and losses	—	23,768	49,541	110,258	—	1,731	185,298	575,233
Interest and discounts	6,028,837	757,153	15,032	150,264	—	—	6,951,286	6,161,420
Miscellaneous non-operating income	564,178	Dr. 38,895	47,822	27,146	775,540	51,950	1,427,741	Dr. 129,393
Income before interest expense	34,610,714	8,669,355	550,746	1,353,816	Dr. 223,134	Dr. 579,380	44,382,117	29,207,974
Interest expense	18,247,157	3,765,707	474,759	854,912	406,466	72,488	23,821,489	17,124,319
Income before income taxes	16,363,557	4,903,648	75,987	498,904	Dr. 629,600	Dr. 651,868	20,560,628	12,083,655
Provision for income taxes	8,180,000	2,528,600	—	214,200	—	—	10,922,800	5,880,000
Net income after income taxes	8,183,557	2,375,048	75,987	284,704	Dr. 629,600	Dr. 651,868	9,637,828	6,203,655

TABLE 5. Operating Statistics, Canadian Scheduled Carriers — All Services, by Company, 1968

	Group I carriers			Group II carriers ¹					Grand total	
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total		
Revenue operations										
Unit toll services:										
Departures	No.	197,707	30,570	228,277	12,876	18,776	24,682	10,774	67,108	295,385
Hours flown	"	296,681	62,985	359,666	13,384	19,136	19,226	12,497	64,243	423,909
Miles scheduled	"	94,543,197	23,433,465	117,976,662	632,799	3,531,404	2,853,813	1,599,590	8,617,606	126,594,268
Miles flown:										
Scheduled services:										
Regular	"	92,890,967	23,195,934	116,086,901	591,666	3,423,623	2,547,251	1,570,124	8,132,664	124,219,565
Extra sections	"	3,530,594	294,905	3,825,499	52,758	199,612	30,102	67,152	349,624	4,175,123
Non-scheduled services	"	—	—	—	1,380,642	152,525	441,347	398,507	2,373,021	2,373,021
Totals	"	96,421,561	23,490,839	119,912,400	2,025,066	3,775,760	3,018,700	2,035,783	10,855,309	130,767,709
Ratio of regular miles flown to miles scheduled										
		98.3	99.0	98.4	93.5	96.9	89.3	98.2	94.4	98.1
Passengers carried (Scheduled and non-scheduled) ²	No.	6,379,525	1,032,347	7,411,872	111,530	376,082	188,435	119,712	795,759	8,207,631
Goods carried (Scheduled and non-scheduled): ²										
Express	lb.	18,387,539	1,997,488	20,385,027	223,797	1,006,897	—	354,907	1,585,601	21,970,628
Freight	"	154,016,817	24,119,859	178,136,676	7,965,129	8,021,796	3,044,395	2,202,292	21,233,612	199,370,288
Excess baggage	"	..	293,362	293,362	225,171	781,189	448,053	71,027	1,525,440	1,818,802
Mail	"	43,063,784	4,659,333	47,723,117	3,050,947	2,354,580	870,143	832,054	7,107,724	54,830,841
Totals	"	215,468,140	31,070,042	246,538,182	11,465,044	12,164,462	4,362,591	3,460,280	31,452,377	277,990,559
Passenger-miles:										
Scheduled services	No.	5,616,011,002	1,643,566,579	7,259,577,581	11,087,156	96,208,927	49,673,111	37,788,122	194,757,316	7,454,334,897
Non-scheduled services	"	—	—	—	22,400,202	505,163	5,440,239	3,052,068	31,397,672	31,397,672
Totals	"	5,616,011,002	1,643,566,579	7,259,577,581	33,487,358	96,714,090	55,113,350	40,840,190	226,154,988	7,485,732,569
Available seat-miles on scheduled services	"	9,716,545,073	3,270,827,813	12,987,372,886	23,293,096	219,382,278	86,283,804	80,518,026	409,477,204	13,396,850,090
Passenger load factor on scheduled services		57.8	50.2	55.9	47.6	43.9	57.6	46.9	47.6	55.6
Goods ton-miles:										
Express:										
Scheduled services	No.	9,893,493	1,341,098	11,234,591	9,324	287,596	—	63,947	360,867	11,595,458
Non-scheduled services	"	—	—	—	31,666	—	—	5,649	37,315	37,315
Totals	"	9,893,493	1,341,098	11,234,591	40,990	287,596	—	69,596	398,182	11,632,773
Freight:										
Scheduled services	"	120,911,179	35,049,440	155,960,619	211,441	2,333,531	537,576	402,637	3,485,185	159,445,804
Non-scheduled services	"	—	—	—	1,694,975	6,734	96,192	79,639	1,877,540	1,877,540
Totals	"	120,911,179	35,049,440	155,960,619	1,906,416	2,340,265	633,768	482,276	5,362,725	161,323,344
Excess baggage:										
Scheduled services	"	..	572,645	572,645	14,084	151,773	75,318	14,221	255,396	828,041
Non-scheduled services	"	—	—	—	45,762	2,347	15,175	157	63,441	63,441
Totals	"	..	572,645	572,645	59,846	154,120	90,493	14,378	318,837	891,482
Mail:										
Scheduled services	"	22,859,947	5,483,082	28,343,029	141,582	731,584	70,320	90,304	1,033,790	29,376,819
Non-scheduled services	"	—	—	—	422,819	1,119	23,745	57,677	505,360	505,360
Totals	"	22,859,947	5,483,082	28,343,029	564,401	732,703	94,065	147,981	1,539,150	29,882,179
Totals, goods ton-miles:										
Scheduled services	"	153,664,619	42,446,265	196,110,884	376,341	3,504,484	683,214	571,109	5,135,238	201,246,122
Non-scheduled services	"	—	—	—	2,195,222	10,200	135,112	143,122	2,483,656	2,483,656
Totals	"	153,664,619	42,446,265	196,110,884	2,571,653	3,514,684	818,326	714,231	7,618,894	203,729,778
Available ton-miles on scheduled services	"	1,472,892,836	471,533,956	1,944,426,792	2,857,317	28,315,036	8,649,720	9,461,216	49,283,289	1,993,710,081
Weight load factor on scheduled services ³		48.6	43.9	47.4	52.0	46.4	65.3	46.0	49.9	47.5

See footnote(s) at end of table.

TABLE 5. Operating Statistics, Canadian Scheduled Carriers — All Services, by Company, 1968 — Concluded

		Group I carriers			Group II carriers ¹					Grand total
		Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue operations — Concluded										
Bulk services:										
Departures	No.	1,674	80	1,754	10,485	3,091	125	1,475	15,176	16,930
Hours flown	"	4,516	236	4,752	10,968	6,441	167	5,035	22,611	27,363
Miles flown	"	1,790,711	92,153	1,882,864	1,134,319	1,947,512	22,595	950,562	4,054,988	5,937,852
Passengers carried	"	61,161	3,994	65,155	24,847	51,053	829	14,423	91,152	156,307
Freight carried	lb.	593,627	—	593,627	3,240,105	18,665,093	1,178,232	5,413,671	28,497,101	29,090,728
Passenger-miles ⁴	No.	136,763,062	8,341,209	145,104,271	3,205,391	128,796,615	510,126	17,021,509	149,533,641	294,637,912
Goods ton-miles ⁴	"	976,089	—	976,089	202,439	6,774,588	589,116	2,662,700	10,228,843	11,204,932
Other flying services (specialty):										
Hours flown	"	324	—	324	3,123	—	—	—	3,123	3,447
Total — All services: ⁵										
Departures	"	199,381	30,650	230,031	23,361	21,867	24,807	12,249	82,284	312,315
Hours flown	"	301,521	63,221	364,742	27,475	25,577	19,393	17,532	89,977	454,719
Miles flown	"	98,212,272	23,582,992	121,795,264	3,159,385	5,723,272	3,041,295	2,986,345	14,910,297	136,705,561
Passengers carried	"	6,440,686	1,036,341	7,477,027	136,377	427,135	189,264	134,135	886,911	8,363,938
Cargo carried	lb.	172,997,983	26,117,347	199,115,330	11,429,031	27,693,786	4,222,627	7,970,870	51,316,314	250,431,644
Goods carried	"	216,061,767	31,070,042	247,131,809	14,705,149	30,829,555	5,540,823	8,873,951	59,949,478	307,081,287
Passenger-miles	No.	5,752,774,064	1,651,907,788	7,404,681,852	36,692,749	225,510,705	55,623,476	57,861,699	375,688,629	7,780,370,481
Goods ton-miles	"	154,640,708	42,446,265	197,086,973	2,774,092	10,289,272	1,407,442	3,376,931	17,847,737	214,934,710
Non-revenue operations										
Hours flown	"	6,933	2,896	9,829	1,798	1,778	748	783	5,107	14,936
Passengers carried	"	..	38,766	38,766	3,057	6,347	2,031	2,178	13,613	52,379
Goods carried	lb.	..	2,182,089	2,182,089	233,460	320,310	—	157,110	710,880	2,892,969
Passenger-miles	No.	313,125,314	85,037,348	398,162,662	1,049,614	2,419,119	643,072	938,826	5,050,631	403,213,293
Goods ton-miles	"	6,310,259	2,452,176	8,762,435	67,248	202,869	—	61,124	331,241	9,093,676
Selected expense items:										
Turbo fuel:										
Quantity	gal.	273,188,840	71,155,728	344,344,568	1,264,929	6,687,415	3,250,912	1,168,656	12,371,912	356,716,480
Cost	\$	37,229,042	10,890,337	48,119,379	278,283	1,403,333	683,691	263,677	2,628,984	50,748,363
Gasoline:										
Quantity	gal.	—	7,005,043	7,005,043	1,824,623	3,328,544	388,456	2,170,968	7,712,591	14,717,634
Cost	\$	—	2,056,642	2,056,642	588,315	1,215,586	99,002	856,746	2,759,649	4,816,291
Oil consumed:										
Turbo aircraft:										
Quantity	gal.	54,645	5,672	60,317	710	2,928	16,376	72	20,086	80,403
Cost	\$	492,709	58,675	551,384	10,361	39,563	56,858	720	107,502	658,886
Other aircraft:										
Quantity	gal.	—	61,499	61,499	26,278	33,836	9,342	16,227	85,683	147,182
Cost	\$	—	63,194	63,194	33,840	42,106	6,899	21,843	104,688	167,882
Average number of employees:										
Pilots and co-pilots	No.	1,156	374	1,530	71	102	57	51	281	1,811
Other flight personnel	"	1,576	444	2,020	20	79	21	35	155	2,175
General management	"	92	120	212	22	112	54	21	209	421
Maintenance labour	"	3,436	743	4,179	218	212	122	114	666	4,845
Aircraft and traffic servicing	"	5,773	1,592	7,365	116	153	130	94	493	7,858
Other personnel	"	4,758	1,028	5,786	53	45	11	52	161	5,947
Totals	"	16,791	4,301	21,092	500	703	395	367	1,965	23,057
Salaries and wages paid:										
Pilots and co-pilots	\$	19,953,945	5,862,725	25,816,670	766,498	1,257,116	629,706	543,893	3,197,213	29,013,883
Other flight personnel	\$	10,237,052	3,277,160	13,514,212	91,951	340,249	99,773	202,014	733,987	14,248,199
General management	\$	2,595,405	1,557,812	4,153,217	290,240	811,785	449,690	292,536	1,844,251	5,997,468
Maintenance labour	\$	27,681,228	5,712,105	33,393,333	1,398,984	1,914,225	805,010	731,431	4,849,650	38,242,983
Aircraft and traffic servicing	\$	41,927,416	9,664,413	51,591,829	658,880	1,086,932	841,007	414,396	3,001,215	54,593,044
Other personnel	\$	39,038,378	5,911,123	44,949,501	280,295	245,930	112,098	271,638	909,961	45,859,462
Totals	\$	141,433,424	31,985,338	173,418,762	3,486,848	5,656,237	2,937,284	2,455,908	14,536,277	187,955,039

¹ Routes included in scheduled or non-scheduled services according to predominant type of service.² Breakdown not available.³ Standard passenger weight used 200 pounds.⁴ Not reported for aircraft of less than 18,000 lb. take-off weight.⁵ "All services" excludes "Specialty flying services" except for number of hours flown.

TABLE 6. Interline Traffic,¹ Canadian Scheduled Carriers — All Services, by Company, 1968

Revenue operations	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total
Passengers carried:							
Originated	No. 5,351,420	848,082	78,664	370,587	188,435	117,054	6,954,242
Domestic interline	" 1,028,105	95,419	32,285	—	—	—	1,243,594
Foreign interline	"	87,785	—	—	—	—	
Totals ²	" 6,379,525	1,031,286	110,949	370,587	188,435	117,054	8,197,836
Express carried:							
Originated	lb. 18,387,539	1,997,488	202,990	1,006,898	—	354,907	21,949,822
Domestic interline	"	—	—	—	—	—	—
Foreign interline	"	—	—	—	—	—	—
Totals ²	lb. 18,387,539	1,997,488	202,990	1,006,898	—	354,907	21,949,822
Freight carried:							
Originated	lb. 154,016,817	19,385,954	7,884,549	7,857,274	3,044,395	1,818,323	194,007,312
Domestic interline	"	450,084	—	—	—	—	450,084
Foreign interline	"	1,210,102	—	—	—	—	1,210,102
Totals ²	" 154,016,817	21,046,140	7,884,549	7,857,274	3,044,395	1,818,323	195,667,498
Excess baggage carried:							
Originated	" ..	293,288	225,171	738,719	448,003	70,565	1,775,746 ³
Domestic interline	"	—	—	—	—	—	—
Foreign interline	"	—	—	—	—	—	—
Totals ²	lb. ..	293,288	225,171	738,719	448,003	70,565	1,775,746 ³
Mail carried:							
Originated	" 43,063,784	4,576,762	2,735,946	2,337,483	870,143	475,356	54,059,474
Domestic interline	"	—	—	—	—	—	—
Foreign interline	"	—	—	—	—	—	—
Totals ²	lb. 43,063,784	4,576,762	2,735,946	2,337,483	870,143	475,356	54,059,474

¹ Includes only scheduled and non-scheduled services designated as mainline by Air Transport Board.² Excludes division interline.³ Excludes Air Canada.

TABLE 7. Operating Statistics, Canadian International Carriers — All Revenue Services, by Area of Service, 1968

Revenue operations	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Group I carriers							
Unit toll services:							
Departures	No. 29,357	10,186	10,528	1,875	51,946	176,331	228,277
Hours flown	" 43,450	48,412	31,376	11,073	134,311	225,355	359,666
Miles scheduled	" 12,417,569	23,109,899	12,566,171	5,326,517	53,420,156	64,556,506	117,976,662
Miles flown:							
Scheduled:							
Regular	" 12,120,713	22,862,249	12,440,518	5,290,756	52,714,236	63,372,665	116,086,901
Extra sections	" 241,276	309,726	473,383	211,304	1,235,689	2,589,810	3,825,499
Non-scheduled	"	—	—	—	—	—	—
Totals	No. 12,361,989	23,171,975	12,913,901	5,502,060	53,949,925	65,962,475	119,912,400
Ratio of regular miles flown to miles scheduled	97.6	98.9	99.0	99.3	98.7	98.2	98.4
Passengers carried	No. ..	..	..	..	2,419,673	4,992,199	7,411,872
Cargo carried	lb. ..	..	..	..	83,420,685	115,394,380	198,815,065
Mail carried .....	" ..	..	..	..	7,776,817	39,946,300	47,723,117
Passenger-miles	No. 629,178,106	1,652,135,409	863,805,655	433,422,339	3,578,541,509	3,681,036,072	7,259,577,581
Available seat-miles on scheduled services	" 1,220,667,368	3,212,977,598	1,646,839,389	898,103,679	6,978,588,034	6,008,784,852	12,987,372,886
Passenger load factor on scheduled services	51.5	51.4	52.5	48.3	51.3	61.3	55.9
Goods ton-miles:							
Express	No. 665,046	—	—	—	665,046	8,135,243	8,800,289
Freight	" 8,908,834	57,319,596	11,769,477	12,417,252	90,415,159	67,979,762	158,394,921
Excess baggage	" 1,501	154,320	218,518	188,450	562,789	9,856	572,645
Mail	" 656,166	4,146,637	2,177,582	2,915,293	9,895,678	18,447,351	28,343,029
Totals	" 10,231,547	61,620,553	14,165,577	15,520,995	101,538,672	94,572,212	196,110,884
Available ton-miles on scheduled services	170,169,664	497,975,693	226,190,245	137,754,533	1,032,090,135	912,336,657	1,944,426,792
Weight load factor on scheduled services ¹	43.0	45.6	44.5	42.7	44.5	50.7	47.4
Group I to IV carriers							
Bulk services:							
Departures	No. 5,050	1,482	224	5	6,761	..	..
Hours flown	" 7,914	9,429	923	43	18,309	..	..
Miles flown	" 1,491,316	4,492,838	333,068	19,695	6,336,917	..	..
Passengers carried	" 34,152	128,952	13,782	538	177,424	..	..
Goods carried	lb. 2,030,240	1,925,190	155,052	—	4,110,482	..	..
Passenger miles ²	No. 24,553,420	521,617,275	26,101,747	1,958,578	574,231,020	..	..
Goods ton-miles ²	" 326,310	2,887,971	124,211	—	3,338,492	..	..
Total services:							
Departures	" 34,407	11,668	10,752	1,880	58,707	..	..
Hours flown	" 51,364	57,841	32,299	11,116	152,620	..	..
Miles flown	" 13,853,305	27,664,813	13,246,969	5,521,755	60,286,842	..	..
Passengers carried .....	" ..	..	..	..	2,597,097	..	..
Goods carried	lb. ..	..	..	..	95,307,984	..	..
Passenger-miles ²	No. 653,731,526	2,173,752,684	889,907,402	435,380,917	4,152,772,529	..	..
Goods ton-miles ²	" 10,557,857	64,508,524	14,289,788	15,520,995	104,877,164	..	..

¹ Standard passenger weight used: 200 pounds.² Excludes charter aircraft not having a maximum authorized take-off weight in excess of 18,000 pounds.

TABLE 8. Operating Statistics, Foreign Carriers, by Area of Service, 1968

Revenue operations	United States			Europe		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
All services						
Passengers carried:						
Unit toll	No. 1,022,984	1,002,467	2,025,451	211,017	244,633	455,650
Bulk	" 3,948	4,040	7,988	26,003	20,411	46,414
Totals	" 1,026,932	1,006,507	2,033,439	237,020	265,044	502,064
Freight, express and excess baggage:						
Unit toll	lb. 8,638,991	26,040,613	34,679,604	9,803,295	36,687,129	46,490,424
Bulk	" 50,300	177,900	228,200	181,877	122,691	304,568
Totals	" 8,689,291	26,218,513	34,907,804	9,985,172	36,809,820	46,794,992
Mail carried (unit toll)	" 1,236,800	4,661,569	5,898,369	1,026,343	2,133,495	3,159,838
			All other areas	Total—all areas		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll	No. 8,489	8,231	16,720	1,242,490	1,255,331	2,497,821
Bulk	" —	—	—	29,951	24,451	54,402
Totals	" 8,489	8,231	16,720	1,272,441	1,279,782	2,552,223
Freight, express and excess baggage:						
Unit toll	lb. 209,560	259,225	468,785	18,651,846	62,986,967	81,638,813
Bulk	" —	—	—	232,177	300,591	532,768
Totals	" 209,560	259,225	468,785	18,884,023	63,287,558	82,171,581
Mail carried (unit toll)	" 12,858	34,684	47,542	2,276,001	6,829,748	9,105,749

TABLE 9. Statistical Summary of Group V Carriers, 1968

Operations	1968	Statement of income	1968
Number of reporting carriers	325	Number of reporting carriers	256
Revenue operations		dollars	
Unit toll and bulk services:		Operating revenues:	
Hours flown	No. 100,002	Unit toll and bulk transportation	6,687,541
Passengers carried	" 215,926	Specialty flying services	7,328,937
Goods carried	lb. 15,223,581	Total flying services	14,016,478
Specialty flying services:		Non-flying services	4,074,174
Hours flown—Types of activity:		Total	18,090,652
Flying training	No. 232,529	Operating expenses:	
Recreational flying	" 38,991	Flying operations	8,578,392
Aerial photography and survey ¹	" 1,588	Maintenance	3,029,362
Aerial photography	" 405	General services and administration	5,119,971
Aerial inspection, reconnaissance and advertising ²	" 12,355	Depreciation	2,127,212
Aerial application and distribution ³	" 9,370	Total	18,854,937
Aerial control	" 1,247	Operating income (loss)	Dr. 764,285
Aerial construction	" 32	Non-operating income—Net	807,088
Air ambulance and mercy service	" 37	Income before income taxes	42,803
Aircraft rental	" 31,360	Provision for income taxes	88,975
Non-transportation charter	" 2,083	Net income after income taxes	Dr. 46,172
Totals, specialty hours flown	" 329,997		
Total—All services:			
Hours flown	" 429,999		
Non-revenue operations			
Hours flown	" 15,775		

¹ Includes geophysical survey.² Includes aerial advertising.³ Includes aerial fish cultivation and aerial pest control.

Note: The number of carriers reporting operating data differs from the number reporting a statement of income.

TABLE 10. Balance Sheet, Canadian Carriers, by Revenue Group, Year Ended December 31, 1968

	Scheduled carriers			Non-scheduled carriers			Grand total
	Group I	Group II	Total	Group III	Group IV	Total	
	dollars						
Assets							
Current assets:							
Cash and special deposits	15,459,321	1,505,552	16,964,873	2,193,644	1,163,470	3,357,114	20,321,987
Notes and accounts receivable	62,540,782	7,734,342	70,275,124	7,250,683	6,110,548	13,361,231	83,636,355
Less: reserve for uncollectible accounts	1,168,877	59,571	1,228,448	326,338	586,792	913,130	2,141,578
Materials and supplies	24,266,656	2,799,653	27,066,309	4,135,475	2,954,822	7,090,297	34,156,606
Short term prepayments	2,136,238	704,069	2,840,307	2,888,802	1,112,371	4,001,173	6,841,480
Other current assets	105,493	1,230,778	1,336,271	1,314,952	2,478,118	3,793,070	5,129,341
Totals	103,339,613	13,914,823	117,254,436	17,457,218	13,232,537	30,689,755	147,944,191
Investments and special funds	20,579,622	11,180,550	31,760,172	2,548,882	3,051,983	5,600,865	37,361,037
Property and equipment:							
Operating	675,706,102	39,622,571	715,328,673	63,935,147	39,754,929	103,690,076	819,018,749
Less: accumulated depreciation	225,970,737	13,180,638	239,151,375	20,201,819	17,184,314	37,386,133	276,537,508
Non-operating	21,939,148	394,350	22,333,498	751,468	1,219,926	1,971,394	24,304,892
Less: accumulated depreciation	21,689,148	—	21,689,148	290,096	589,720	879,816	22,568,964
Totals	449,985,365	26,836,283	476,821,648	44,194,700	23,200,821	67,395,521	544,217,169
Deferred charges:							
Long term prepayments	5,514,070	1,550,455	7,064,525	118,180	224,400	342,580	7,407,105
Other deferred charges	83,044	3,297,271	3,380,315	1,497,767	435,975	1,933,742	5,314,057
Totals	5,597,114	4,847,726	10,444,840	1,615,947	660,375	2,276,322	12,721,162
Total assets	579,501,714	56,779,382	636,281,096	65,816,747	40,145,716	105,962,463	742,243,559
Liabilities							
Current liabilities:							
Notes and accounts payable	18,046,744	9,538,770	27,585,514	13,161,116	9,026,145	22,187,261	49,772,775
Current portion of long term debt	—	1,681,730	1,681,730	3,178,734	2,140,929	5,319,663	7,001,393
Accrued taxes	4,744,782	120,680	4,865,462	855,829	324,878	1,180,707	6,046,169
Other current and accrued liabilities	75,046,378	1,889,414	76,935,792	2,277,436	1,901,351	4,178,787	81,114,579
Totals	97,837,904	13,230,594	111,068,498	19,473,115	13,393,303	32,866,418	143,934,916
Non-current liabilities:							
Long term debt	22,361,877	29,040,364	51,402,241	12,945,817	10,053,318	22,999,135	74,401,376
Other non-current liabilities	382,819,500	587,757	383,407,257	10,851,461	1,608,936	12,460,397	395,867,654
Totals	405,181,377	29,628,121	434,809,498	23,797,278	11,662,254	35,459,532	470,269,030
Deferred credits	16,293,995	260,500	16,554,495	1,922,231	589,106	2,511,337	19,065,832
Reserves	11,286,472	1,909,272	13,195,744	2,211,452	1,220,018	3,431,470	16,627,214
Capital stock and surplus:							
Capital stock issued and outstanding:							
Preferred	9,750,000	5,569,975	15,319,975	3,000,588	2,917,414	5,918,002	21,237,977
Common	18,000,000	2,957,056	20,957,056	5,220,259	5,187,514	10,407,773	31,364,829
Other paid-in capital	—	—	—	1,844,044	635,167	2,479,211	2,479,211
Unappropriated surplus	21,151,966	3,223,864	24,375,830	8,347,780	4,540,940	12,888,720	37,264,550
Totals	48,901,966	11,750,895	60,652,861	18,412,671	13,281,035	31,693,706	92,346,567
Total liabilities	579,501,714	56,779,382	636,281,096	65,816,747	40,145,716	105,962,463	742,243,559

TABLE 11. Balance Sheet, Canadian Scheduled Carriers, by Company, Year Ended December 31, 1968

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total
				dollars			
Assets							
Current assets:							
Cash	11,055,765	1,214,671	88,579	28,739	87,589	71,583	12,546,926
Special deposits	147,789	3,041,096	—	1,227,637	1,425	—	4,417,947
Notes and accounts receivable:							
Governments	3,731,333	1,917,038	1,543,244	401,553	117,805	182,363	7,893,336
General traffic	31,839,284	12,277,620	1,722,798	2,301,741	654,151	635,548	49,431,142
Associated companies	1,376,031	—	—	—	—	1,566	1,377,597
Company personnel	192,375	24,333	34,154	41,421	48,876	27,722	368,881
Other	10,087,146	1,095,622	—	—	—	21,400	11,204,168
Totals	58,429,723	19,570,380	3,388,775	4,001,091	909,846	940,182	87,239,997
Less: reserve for uncollectible accounts	360,000	808,877	50,432	Cr. 13,879	12,000	11,018	1,228,448
Materials and supplies	21,513,308	2,753,348	730,129	738,053	991,591	339,880	27,066,309
Short term prepayments	1,586,102	550,136	33,127	368,200	178,585	124,157	2,840,307
Other current assets	105,493	—	—	130,000	1,089,000	11,778	1,336,271
Totals	81,274,626	22,064,987	4,101,599	5,251,223	3,157,022	1,404,979	117,254,436
Investments and special funds:							
Investments in associated companies	16,236	—	4,568,100	—	6,322,732	82,185	10,989,253
Other investments	13,718,507	297,344	29,033	151,000	—	22,500	14,218,384
Special funds	6,463,631	83,904	—	5,000	—	—	6,552,535
Totals	20,198,374	381,248	4,597,133	156,000	6,322,732	104,685	31,760,172
Property and equipment:							
Operating	609,524,115	66,181,987	7,387,041	17,666,880	5,047,597	9,521,053	715,328,673
Less: accumulated depreciation	208,453,208	17,517,529	2,696,500	4,382,801	3,476,295	2,625,042	239,151,375
Non-operating	21,939,148	—	—	394,350	—	—	22,333,498
Less: accumulated depreciation	21,689,148	—	—	—	—	—	21,689,148
Totals	401,320,907	48,664,458	4,690,541	136,678,429	1,571,302	6,896,011	476,821,648
Deferred Charges:							
Long term prepayments	5,514,070	—	—	1,285,492	—	264,963	7,064,525
Developmental and pre-operating costs	—	—	22,758	1,524,816	—	125,442	1,673,016
Unamortized discount and expense on debt	—	—	107,239	217,991	—	—	325,230
Property acquisition adjustment	—	—	—	—	—	—	—
Other intangibles	—	—	—	—	—	—	—
Other deferred charges	83,044	—	—	1,107,707	191,318	—	1,382,069
Totals	5,597,114	—	129,997	4,136,006	191,318	390,405	10,444,840
Total assets	508,391,021	71,110,693	13,519,270	23,221,658	11,242,374	8,796,080	636,281,096
Liabilities							
Current liabilities:							
Notes and accounts payable:							
Current notes payable	—	—	709,663	478,180	600,000	817,000	2,604,843
Accounts payable — General	16,514,565	1,532,179	1,561,518	2,578,966	1,571,965	1,221,478	24,980,671
Collections as agents:							
Traffic	14,990,331	5,032,428	—	74,139	—	67,063	20,163,961
Other	4,312,271	976,523	—	—	—	—	5,288,794
Associated companies	4,833,722	3,666,463	—	—	639,410	—	9,139,595
Current portion of long term debt	—	—	323,633	1,353,945	—	4,152	1,681,730
Totals	40,650,889	11,207,593	2,594,814	4,485,230	2,811,375	2,109,693	63,859,594
Accrued salaries and wages	12,908,220	3,714,344	—	416,350	101,717	144,405	17,285,036
Accrued taxes	4,660,889	83,893	—	—	63,709	56,971	4,865,462
Dividends payable	200,000	—	—	—	—	—	200,000
Air travel plan liability	1,892,620	6,457,740	104,619	256,154	—	46,673	18,922,620
Unearned transportation revenue	9,541,107	6,520,609	—	—	—	38,884	16,406,293
Other current liabilities	—	—	—	—	—	—	6,559,493
Totals	69,853,725	27,984,179	2,699,433	5,157,734	2,976,801	2,396,626	111,068,498
Non-current liabilities:							
Long term debt	15,000,000	7,361,877	6,242,637	10,756,528	7,364,284	4,676,915	51,402,241
Advances from associated companies	377,819,560	5,000,000	19,059	—	478,650	90,048	383,407,257
Pension liability	—	—	—	—	—	—	—
Other non-current liability	—	—	—	—	—	—	—
Totals	392,819,500	12,361,877	6,261,696	10,756,528	7,842,934	4,766,963	434,809,498
Deferred credits:							
Unamortized premium on debt	—	—	—	—	—	—	—
Other deferred credits	14,640,000	1,653,995	—	260,500	—	—	16,554,495
Totals	14,640,000	1,653,995	—	260,500	—	—	16,554,495
Reserves:							
Reserve for major overhauls	—	—	529,851	880,976	78,474	232,395	1,721,696
Reserve for self-insurance	6,463,631	—	—	—	—	—	6,463,631
Other reserves	—	4,822,841	—	187,576	—	—	5,010,417
Totals	6,463,631	4,822,841	529,851	1,068,552	78,474	232,395	13,195,744
Capital stock and surplus:							
Capital stock issued and outstanding:							
Preferred	—	9,750,000	3,263,800	1,058,950	1,047,225	200,000	15,319,975
Common	5,000,000	13,000,000	998	1,438,493	500,000	1,017,565	20,957,056
Capital stock subscribed and unissued	—	—	—	—	—	—	—
Other paid in capital	—	—	—	—	—	—	—
Unappropriated surplus	19,614,165	1,537,801	763,492	3,480,901	Dr. 1,203,060	182,531	24,375,830
Totals	24,614,165	24,287,801	4,028,290	5,978,344	344,165	1,400,096	60,652,861
Total liabilities	508,391,021	71,110,693	13,519,270	23,221,658	11,242,374	8,796,080	636,281,096

TABLE 12. Operating Expense Analysis, Canadian Scheduled Carriers — All Services, Year Ended December 31, 1968

No.	Expenses	Functional classification			
		Flying operations	Maintenance		
			Direct maintenance flight equipment	Direct maintenance ground property and equipment	Maintenance burden
			dollars		
	Salaries, wages and personnel expenses:				
1	Management	—	—	—	1,801,228
2	Pilots and co-pilots	28,167,918	—	—	—
3	Other flight personnel	1,499,264	—	—	—
4	Maintenance labour	—	20,565,369	1,660,821	3,227,815
5	Aircraft and traffic handling	—	—	—	—
6	Trainees, instructors, unallocated shop labour	1,843,440	—	—	9,155,990
7	Communications	—	—	—	224,964
8	Other personnel	—	—	—	14,270,528
9	Personnel expenses	2,905,354	—	—	553,763
10	Totals	34,415,976	20,565,369	1,660,821	29,234,288
	Materials and supplies:				
11	Aircraft fuels and oils	58,876,513	—	—	—
12	Maintenance materials and supplies	—	17,505,995	1,072,975	1,064,160
13	Shop and servicing supplies	—	—	—	1,804,683
14	Stationery, printing and office supplies	—	—	—	452,079
15	Passenger food expense	—	—	—	—
16	Other supplies	350,682	—	—	202,422
17	Inventory adjustments	—	—	—	129,420
18	Totals	59,227,195	17,505,995	1,072,975	3,652,764
	Other expenses:				
19	Communications purchased	—	—	—	241,035
20	Light, heat, power and water	—	—	—	761,384
21	Traffic commissions	—	—	—	—
22	Professional and technical fees and expenses	—	—	—	2,873
23	Other services — Associated companies	—	—	—	—
24	Total repairs and other services — Outside	—	8,467,208	2,322,745	1,610,022
25	Rentals	9,883,684	—	—	788,611
26	Landing fees — Canadian	16,333,845	—	—	—
27	Foreign				
28	Insurance — P.L., P.D. and traffic liabilities	6,377,989	—	—	208,382
29	Employee welfare	3,365,672	—	—	3,552,814
30	Injuries, loss and damage	253,418	—	—	72,728
31	Advertising and publicity	—	—	—	—
32	Interrupted trip expense	—	—	—	—
33	Uncollectible accounts	—	—	—	—
34	Taxes, other than income and payroll	—	—	—	—
35	Other expenses	76,495	—	—	611,503
36	Overhaul provisions — Airframes	—	58,433	—	—
37	Aircraft engines	—	756,537	—	—
38	Totals	36,291,103	9,282,178	2,322,745	7,849,352
	Depreciation and amortization:				
39	Amortization	—	—	—	—
40	Depreciation — Flight equipment	—	—	—	—
41	Maintenance equipment and hangars	—	—	—	—
42	General ground property	—	—	—	—
43	Grand totals	129,934,274	47,353,542	5,056,541	40,736,404

TABLE 12. Operating Expense Analysis, Canadian Scheduled Carriers — All Services, Year Ended December 31, 1968

Functional classification									No.
Passenger servicing	Aircraft and traffic servicing			Promotions and sales		General administration	Depreciation and amortization	Grand total	
	Aircraft servicing	Traffic servicing	Servicing administration	Reservations and sales	Advertising and publicity				
dollars									
165,828	696,265	45,805	484,764	996,493	112,751	1,936,776	—	6,239,910	1
—	—	—	—	—	—	—	—	28,167,918	2
12,699,767	—	—	—	—	—	—	—	14,199,031	3
—	—	—	—	—	—	—	—	25,454,005	4
71,679	19,158,152	14,853,446	3,748,132	17,951,126	—	—	—	55,782,535	5
350,590	595,729	39,053	378,314	508,443	—	40,383	—	12,911,942	6
19	511,782	34,538	728,273	586,613	1,634	108,272	—	2,196,095	7
2,313,102	849,553	907,379	2,235,416	8,595,028	1,076,686	10,668,374	—	40,916,066	8
4,218,778	437,532	351,303	609,066	2,913,663	238,821	504,410	—	12,732,690	9
19,819,763	22,249,013	16,231,524	8,183,965	31,551,366	1,429,892	13,258,215	—	198,600,192	10
—	—	—	—	—	—	—	—	58,876,513	11
—	—	—	—	—	—	—	—	19,643,130	12
—	625,003	—	—	—	—	—	—	2,429,686	13
58,195	252,339	562,824	526,871	1,558,054	164,000	1,183,503	—	4,757,865	14
18,127,969	—	—	—	—	—	—	—	18,127,969	15
4,688,750	120,099	71,330	593,567	62,200	6,034	16,185	—	6,111,269	16
147,737	—	—	—	—	—	—	—	277,157	17
23,022,651	997,441	634,154	1,120,438	1,620,254	170,034	1,199,688	—	110,223,589	18
22,233	813,477	662,433	1,570,169	5,924,384	48,435	349,991	—	9,632,157	19
989	31,841	76,007	208,062	185,101	1,878	72,016	—	1,337,278	20
—	—	—	—	16,975,970	52,271	—	—	17,028,241	21
1,242	147,573	374	22,515	198,318	48,263	518,503	—	939,661	22
242	314	2,984,806	230	289,072	84,898	769,555	—	4,129,117	23
378,740	4,354,298	3,655,599	1,830,543	427,202	112,848	213,036	—	23,372,241	24
189,112	859,552	2,347,634	1,225,408	3,276,172	84,611	1,946,615	—	20,601,399	25
—	—	—	—	—	—	—	—	16,333,845	26
—	—	—	—	—	—	—	—	—	27
3,149,281	12,266	124,898	3,945	9,651	10	218,518	—	10,104,940	28
958,188	1,638,356	1,081,600	557,288	2,192,992	83,255	1,666,247	—	15,096,412	29
14,469	147,873	271,614	18,489	5,907	—	59,746	—	844,244	30
—	—	—	—	199,173	15,453,132	—	—	15,652,305	31
1,598,356	—	—	—	—	—	—	—	1,598,356	32
22,183	—	—	—	—	—	944,013	—	966,196	33
—	—	—	—	—	—	1,987,254	—	1,987,254	34
311,219	267,417	1,254,342	389,405	798,609	135,363	650,620	—	4,494,973	35
—	—	—	—	—	—	—	—	58,433	36
—	—	—	—	—	—	—	—	756,537	37
6,646,254	8,272,967	12,459,307	5,826,054	30,482,551	16,104,964	9,396,114	—	144,933,589	38
—	—	—	—	—	—	—	397,635	397,635	39
—	—	—	—	—	—	—	37,916,742	37,916,742	40
—	—	—	—	—	—	—	1,731,379	1,731,379	41
—	—	—	—	—	—	—	4,109,386	4,109,386	42
49,488,668	31,519,421	29,324,985	15,130,457	63,654,171	17,704,890	23,854,017	44,155,152	497,912,522	43

TABLE 13. Operating Expense Analysis, Canadian Group III Carriers, Year Ended December 31, 1968

Expenses	Functional classification						Grand total
	Flying operations	Maintenance			General services and administration	Depreciation and amortization	
		Direct maintenance flight equipment	Direct maintenance ground property and equipment	Maintenance burden			
							dollars
Salaries, wages and personnel expenses							
General management	—	—	—	215,691	1,657,576	—	1,873,267
Pilots and co-pilots	5,836,808	—	—	—	—	—	5,836,808
Other flight personnel	609,186	—	—	69,277	118,118	—	796,581
Maintenance labour	—	3,337,287	111,799	529,724	—	—	3,978,810
Aircraft and traffic handling	—	—	—	—	1,024,239	—	1,024,239
Trainees, instructors and unallocated shop labour	178,277	—	—	156,521	100,379	—	435,177
Communications	—	—	—	6,389	140,536	—	146,925
Other personnel	—	—	3,498	304,118	1,161,260	—	1,468,876
Personnel expenses	945,318	—	—	192,555	524,016	—	1,661,889
Totals	7,569,589	3,337,287	115,297	1,474,275	4,726,124	—	17,222,572
Materials and supplies							
Aircraft fuels and oils	6,213,249	—	—	—	—	—	6,213,249
Maintenance materials and supplies	—	2,449,970	244,790	592,681	65,244	—	3,352,685
Shop and servicing supplies	—	—	5,296	210,509	13,110	—	228,915
Stationery, printing and office supplies	—	—	—	17,032	262,814	—	279,846
Passenger food expense	—	—	—	19,408	415,609	—	435,017
Other supplies	208,938	—	130	12,990	57,650	—	279,708
Inventory adjustments	—	—	—	1,398	—	—	1,398
Totals	6,422,187	2,449,970	250,216	854,018	814,427	—	10,790,818
Other expenses:							
Communications purchased	—	—	—	71,194	521,863	—	593,057
Light, heat, power and water	—	—	—	105,745	150,490	—	256,235
Traffic commissions	—	—	—	—	827,108	—	827,108
Professional and technical fees and expenses	—	—	—	1,878	368,789	—	370,667
Other services—Associated companies	—	—	3,797	2,711	251,715	—	258,223
Total repairs and other services—Outside	—	3,479,358	56,613	170,235	542,553	—	4,248,759
Rentals	3,105,093	—	3,163	289,627	364,408	—	3,762,291
Landing fees—Canadian	645,166	—	—	—	—	—	645,166
Foreign	—	—	—	—	—	—	—
Insurance—P.L., P.D. and traffic liability	3,256,547	—	4,394	136,275	185,732	—	3,582,948
Employee welfare	353,755	—	—	137,431	327,723	—	818,909
Injuries, loss and damage	302,909	—	—	4,872	4,293	—	312,074
Advertising and publicity	—	—	—	—	376,890	—	376,890
Interrupted trip expense	—	—	—	—	37,885	—	37,885
Taxes, other than income and payroll	—	—	—	—	157,313	—	157,313
Other expenses	225,732	—	3,073	135,510	165,229	—	165,229
Overhaul provisions—Airframes	—	—	—	—	479,737	—	844,052
Aircraft engines	—	1,090,663	—	—	—	—	1,090,663
Totals	7,889,202	4,570,021	71,040	1,055,478	4,761,728	—	18,347,469
Depreciation and amortization:							
Amortization	—	—	—	—	1,060	532,584	533,644
Depreciation—Flight equipment	—	—	—	—	—	3,317,226	3,317,226
Maintenance equipment and hangars	—	—	—	—	—	275,221	275,221
General ground property	—	—	—	—	—	452,261	452,261
Grand totals	21,880,978	10,357,278	436,553	3,383,771	10,303,339	4,577,292	50,939,211

TABLE 14. Operating Expense Analysis, Canadian Group IV Carriers, Year Ended December 31, 1968

Expenses	Functional classification					Grand total
	Flying operations	Maintenance		General services and administration	Depreciation and amortization	
		Flight equipment	Ground property and equipment			
dollars						
Salaries, wages, and personnel expenses:						
General management	—	85,553	4,488	1,301,341	—	1,391,382
Flight personnel	4,935,965	—	—	67,478	—	5,003,443
Maintenance labour	—	2,316,846	401,867	—	—	2,718,713
Aircraft and traffic handling	—	—	—	282,899	—	282,899
Other personnel	—	14,407	6,403	675,467	—	696,277
Personnel expenses	374,896	78,867	16,369	297,069	—	767,201
Totals	5,310,861	2,495,673	429,127	2,624,254	—	10,859,915
Materials and supplies:						
Aircraft fuel and oil	2,995,294	—	—	—	—	2,995,294
Maintenance materials and supplies	—	2,376,142	473,825	—	—	2,849,967
Other supplies	141,165	67,369	54,241	230,732	—	493,507
Totals	3,136,459	2,443,511	528,066	230,732	—	6,338,768
Other expenses:						
Repairs and other services—Outside	—	1,319,784	104,952	187,455	—	1,612,191
Rentals	1,580,997	59,667	72,011	231,705	—	1,944,380
Insurance—P.L., P.D. and traffic liability	1,967,302	65,116	34,305	167,377	—	2,234,100
Other expenses	421,941	87,697	82,127	2,228,157	—	2,819,922
Depreciation—Flight equipment	—	—	—	—	3,212,527	3,212,527
Ground property and equipment	—	—	—	—	401,176	401,176
Totals	3,970,240	1,532,264	293,395	2,814,694	3,613,703	12,224,296
Grand totals	12,417,560	6,471,448	1,250,588	5,669,680	3,613,703	29,422,979

TABLE 15. Specialty Flying Services, Canadian Carriers — Group I to IV, by Type of Activity, 1968

	1968						Total 1967	
	Fixed-wing		Helicopters		Total 1968			
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$	No.	\$	No.	\$
Type of activity:								
Flying training	128,297	2,599,327	6,526	516,152	134,823	3,115,479	145,398	3,044,282
Recreational flying	16,578	384,522	1,422	141,564	18,000	526,086	19,244	524,600
Aerial photography and survey	14,786	1,494,612	2,561	606,138	17,347	2,100,750	22,372	2,442,918
Aerial photography (scenics)	848	52,969	216	15,085	1,064	68,054	867	81,917
Aerial inspection reconnaissance and advert- ising	20,754	2,188,464	13,242	2,125,625	33,996	4,314,089	30,060	3,469,706
Aerial application and distribution	3,492	680,131	141	35,515	3,633	715,646	5,667	687,328
Aerial control	3,269	908,090	1,617	192,696	4,886	1,100,786	8,346	1,617,793
Aerial construction	—	—	281	78,624	281	78,624	510	130,528
Air ambulance and mercy service	74	7,850	13	2,573	87	10,423	50	5,724
Aircraft rental	23,692	499,186	1,104	79,299	24,796	578,485	19,944	401,191
Non-transportation charter	2,830	515,808	2,266	381,635	5,096	897,440	3,236	325,659
Totals	214,620	9,330,959	29,389	4,174,906	244,009	13,505,865	255,694	12,731,646

TABLE 16. Statistical Summary of Canadian Carriers Operating Helicopters, Group I to IV, 1968¹

		1968			Total 1967
		Carriers operating helicopters only	Carriers operating helicopters and fixed-wing	Total	
Carriers reporting	No.	20	11	31	32
Helicopter — Owned	"	234	39	273	236
Leased	"	34	2	36	25
Totals	"	268	41	309	261
Revenue hours flown — Unit toll	"	—	1	1	68
Bulk	"	111,685	7,875	119,560	112,479
Specialty	"	21,877	7,512	29,389	27,495
Totals	"	133,562	15,388	148,950	140,042
Non-revenue hours flown	"	6,648	661	7,309	6,010
Fuel and oil consumed:					
Gasoline	gal.	2,851,499	226,982	3,078,481	2,953,457
Bulk	\$	1,321,383	102,123	1,423,506	1,238,432
Cost	\$	42,561	3,831	46,392	42,999
Oil	gal.	79,453	7,141	86,594	74,792
Cost	\$				
Average number of employees:					
Pilots	No.	250	20	270	235
Administrative	"	128	1	129	99
Maintenance labour	"	257	15	272	206
Other personnel	"	24	—	24	16
Totals	"	659	36	695	556
Salaries and wages:					
Pilots	\$	2,747,848	182,926	2,930,774	2,616,492
Administrative	\$	1,075,093	7,000	1,082,093	793,800
Maintenance labour	\$	1,943,639	95,782	2,039,421	1,574,054
Other personnel	\$	137,850	—	137,850	71,508
Totals	\$	5,904,430	285,708	6,190,138	5,055,854

Balance sheet²

Assets		Liabilities	
Current assets:		Current liabilities:	
Cash	941,206	Notes and accounts payable	3,053,134
Accounts receivable	2,864,072	Current portion of long term debt	1,672,032
Less: reserve for uncollectible accounts	111,926	Accrued taxes	168,518
Materials and supplies	2,335,469	Other and accrued liabilities	1,777,220
Short term prepayments	493,763	Total	6,670,904
Other current assets	149,950	Non-current liabilities:	
Total	6,672,534	Long term debt	4,108,361
Investments	944,027	Other non-current liabilities	1,744,050
Property and equipment:		Total	5,852,411
Operating	21,680,757	Deferred credits	1,297,584
Less: accumulated depreciation	7,160,607	Reserves	1,330,523
Non-operating	406,675	Capital stock and surplus:	
Less: accumulated depreciation	142,296	Capital stock issued and outstanding:	
Deferred charges:		Preferred	1,348,150
Long term prepayments	136,622	Common	1,472,819
Other deferred charges	185,182	Other paid-in capital	625,118
Total	321,804	Unappropriated surplus	4,125,385
Total assets	22,722,894	Total	7,571,472
		Total liabilities	22,722,894

¹ Statement of income for carriers operating helicopters only available on request.² Carriers operating helicopters only.

**TABLE 17. Property and Equipment and Accumulated Depreciation, Canadian Carriers, by Revenue Group,
Year Ended December 31, 1968**

No.		Cost		
		Beginning of year	Additions	Retirements
		dollars		
		Group I and II carriers		
	Operating property and equipment:			
1	Flight equipment	419,100,500	172,501,759	24,916,808
2	Ground equipment	41,896,206	11,422,154	937,976
3	Buildings and other improvements	48,052,045	7,537,897	60,862
4	Total flight and ground property and equipment	509,048,751	191,461,810	25,915,646
5	Land	21,374	—	906
6	Construction work in progress	60,544,449	1,989,710	—
7	Total operating property and equipment	569,614,574	193,451,520	25,916,552
8	Non-operating property and equipment	—	—	—
9	Totals	569,614,574	193,451,520	25,916,552
		Group III carriers		
	Operating property and equipment:			
10	Flight equipment	42,244,641	18,441,918	5,562,998
11	Ground equipment	2,825,192	967,617	191,457
12	Buildings and other improvements	7,713,884	309,986	776,926
13	Total flight and ground property and equipment	52,783,717	19,719,521	6,531,381
14	Land	635,468	19,701	102,407
15	Construction work in progress	42,083	329,330	13,288
16	Total operating property and equipment	53,461,268	20,068,552	6,647,076
17	Non-operating property and equipment	270,756	163,106	—
18	Totals	53,732,024	20,231,658	6,647,076
		Group IV carriers		
	Operating property and equipment:			
19	Flight equipment	27,421,869	7,749,985	3,850,895
20	Ground equipment	2,869,829	591,655	211,246
21	Building and other improvements	3,362,122	369,084	109,072
22	Total flight and ground property and equipment	33,653,820	8,710,724	4,171,213
23	Land	278,714	39,132	7,350
24	Construction work in progress	97,046	1,502,052	50,946
25	Total operating property and equipment	34,029,580	10,251,908	4,229,509
26	Non-operating property and equipment	1,299,569	103,009	51,770
27	Totals	35,329,149	10,354,917	4,281,279

TABLE 17. Property and Equipment and Accumulated Depreciation, Canadian Carriers, by Revenue Group, Year Ended December 31, 1968

Cost			Accumulated depreciation						No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year	End of year		
Debit	Credit			Debit	Credit				
dollars									
Group I and II carriers									
83,604	22,000,730	544,768,325	185,692,962	6,900,788	Dr. 21,477,188	36,115,928	193,430,914	1	
10,880	65,122	52,326,142	24,705,571	899,488	—	3,781,383	27,587,466	2	
173,508	23,010	55,679,578	15,912,886	21,386	96,398	2,145,156	18,133,054	3	
267,992	22,088,862	652,774,045	226,311,419	7,821,662	Dr. 21,380,790	42,042,467	239,151,434	4	
—	—	20,468	—	—	—	—	—	5	
1	—	62,534,160	—	—	—	—	—	6	
267,993	22,088,862	715,328,673	226,311,419	7,821,662	Dr. 21,380,790	42,042,467	239,151,434	7	
21,939,148	—	21,939,148	—	—	21,689,148	—	21,689,148	8	
22,207,141	22,088,862	737,267,821	226,311,419	7,821,662	308,358	42,042,467	260,840,582	9	
Group III carriers									
35,763	158,446	55,000,878	15,655,713	2,481,210	192,181	3,313,077	16,679,761	10	
17,240	64,219	3,554,373	1,693,222	153,059	19,235	313,775	1,873,173	11	
—	50,612	7,196,332	1,643,375	86,671	152	395,776	1,952,632	12	
53,003	273,277	65,751,583	18,992,310	2,720,940	211,568	4,022,628	20,505,566	13	
—	—	552,762	99	—	—	99	198	14	
—	—	358,125	—	—	—	—	—	15	
53,003	273,277	66,662,470	18,992,409	2,720,940	211,568	4,022,727	20,505,764	16	
—	—	433,862	95,391	—	—	66,222	161,613	17	
53,003	273,277	67,096,332	19,087,800	2,720,940	211,568	4,088,949	20,667,377	18	
Group IV carriers									
22,117	72,607	31,270,469	12,333,797	1,176,673	149,116	3,187,379	14,493,619	19	
9,995	15,176	3,245,057	1,585,990	121,267	14,556	288,961	1,768,240	20	
35,285	2,296	3,655,123	990,458	13,070	13,451	185,156	1,175,995	21	
67,397	90,079	38,170,649	14,910,245	1,311,010	177,123	3,661,496	17,437,854	22	
—	500	309,996	—	—	—	—	—	23	
—	—	1,548,152	—	—	—	—	—	24	
67,397	90,579	40,028,797	14,910,245	1,311,010	177,123	3,661,496	17,437,854	25	
—	24,844	1,325,964	622,204	25,798	1,662	63,889	661,957	26	
67,397	115,423	41,354,761	15,532,449	1,336,808	178,785	3,725,385	18,099,811	27	

**TABLE 18. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1968**

No.		Cost		
		Beginning of year	Additions	Retirements
		dollars		
		Air Canada		
	Operating property and equipment:			
	Flight equipment:			
1	Airframes	279,840,221	115,710,959	19,004,727
2	Aircraft engines	61,470,439	20,945,538	3,062,843
3	Aircraft propellers	3,347,602	—	—
4	Aircraft communications and navigational equipment	6,487,596	2,172,633	396,000
5	Miscellaneous flight equipment	74,914	—	—
6	Flight equipment spare parts and assemblies	24,343,395	3,496,866	472,443
7	Total flight equipment	375,564,167	142,325,996	22,936,013
	Ground property and equipment:			
8	Ramp equipment	10,580,297	1,972,652	415,825
9	Communications and meteorological equipment	342,283	35,196	5,415
10	Maintenance and engineering equipment	8,917,795	498,252	106,928
11	Surface transport vehicles and equipment	453,471	129,287	85,418
12	Furniture, fixtures and office equipment	1,121,208	114,980	31,785
13	Miscellaneous ground equipment	11,897,832	6,268,466	146,092
14	Buildings and other improvements	42,001,816	6,968,079	—
15	Total ground property and equipment	75,314,702	15,986,912	791,463
16	Land	—	—	—
17	Construction work in progress	54,967,572	Dr. 8,968,610	—
18	Total operating property and equipment	505,846,441	149,344,298	23,727,476
19	Non-operating property and equipment	—	—	—
20	Total property and equipment	505,846,441	149,344,298	23,727,476
		Canadian Pacific Air Lines Ltd.		
	Operating property and equipment:			
	Flight equipment:			
21	Airframes	6,531,502	14,102,661	—
22	Aircraft engines	1,421,912	5,763,790	—
23	Aircraft propellers	208,311	—	—
24	Aircraft communications and navigational equipment	278,198	465,703	—
25	Miscellaneous flight equipment	515,422	33,981	—
26	Flight equipment spare parts and assemblies	6,323,347	2,279,932	110,552
27	Total flight equipment	15,278,692	22,646,067	110,552
	Ground property and equipment:			
28	Ramp equipment	1,653,576	209,808	—
29	Communications and meteorological equipment	41,560	—	2,707
30	Maintenance and engineering equipment	2,170,173	280,442	2,294
31	Surface transport vehicles and equipment	183,393	34,336	10,049
32	Furniture, fixtures and office equipment	757,921	34,176	8,803
33	Miscellaneous ground equipment	1,350,306	1,392,323	819
34	Buildings and other improvements	3,820,471	524,189	16,741
35	Total ground property and equipment	9,977,400	2,475,274	41,413
36	Land	606	—	80
37	Construction work in progress	5,436,594	10,446,189	—
38	Total operating property and equipment	30,693,292	35,567,530	152,045
39	Non-operating property and equipment	—	—	—
40	Total property and equipment	30,693,292	35,567,530	152,045

TABLE 18. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company.
Year Ended December 31, 1968

Cost			Accumulated depreciation						No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year		End of year	
Debit	Credit			Debit	Credit	Rate	Amount		
dollars									
Air Canada									
—	16,977,972	359,568,481	119,552,990	4,613,820	Dr. 16,296,299	—	24,467,308	123,110,179	1
—	3,672,165	75,680,969	29,798,981	753,153	Dr. 4,001,073	—	5,424,194	30,468,949	2
—	689,499	2,658,103	2,836,212	—	Dr. 750,150	—	333,979	2,420,041	3
—	599,856	7,664,373	3,597,025	96,317	Dr. 641,630	—	536,823	3,395,901	4
344	—	75,258	38,384	—	4	—	5,400	43,788	5
—	—	27,367,818	10,067,838	470,868	—	—	2,434,805	12,031,775	6
344	21,939,492	473,015,002	165,891,430	5,934,158	Dr. 21,689,148	—	33,202,509	171,470,633	7
7,924	—	12,145,048	5,354,567	388,787	—	—	969,131	5,934,911	8
—	—	372,064	293,975	4,981	—	—	28,827	317,821	9
—	3,926	9,305,193	6,408,190	106,590	—	Dr.	66,463	6,235,137	10
—	5,459	491,881	259,280	77,959	—	—	76,469	257,790	11
—	—	1,204,403	498,629	30,295	—	—	97,211	565,545	12
—	15,012	18,005,194	6,359,231	144,496	—	—	1,958,282	8,173,017	13
16,473	—	48,986,368	13,677,624	—	—	—	1,820,730	15,498,354	14
24,397	24,397	90,510,151	32,851,496	753,108	—	—	4,884,187	36,982,575	15
—	—	—	—	—	—	—	—	—	16
—	—	45,998,962	—	—	—	—	—	—	17
24,741	21,963,889	609,524,115	198,742,926	6,687,266	Dr. 21,689,148	—	38,086,696	208,453,208	18
21,939,148	—	21,939,148	—	—	21,689,148	—	—	21,689,148	19
21,963,889	21,963,889	631,463,263	198,742,926	6,687,266	—	—	38,086,696	230,142,356	20
Canadian Pacific Air Lines Ltd.									
—	—	20,634,163	5,947,221	—	—	8.5	397,932	6,345,153	21
—	—	7,185,702	1,262,730	—	—	8.5	159,531	1,422,261	22
—	—	208,311	170,149	—	—	8.5	27,705	197,854	23
—	—	743,901	256,448	—	—	8.5	23,346	279,794	24
—	—	549,403	246,888	—	—	8.5	44,339	291,227	25
—	—	8,492,727	2,305,131	79,844	—	10.0	672,066	2,897,353	26
—	—	37,814,207	10,188,567	79,844	—	—	1,324,919	11,433,642	27
—	2,105	1,861,279	859,836	—	—	10.0	142,861	1,002,697	28
—	—	38,853	41,560	2,707	—	—	—	38,853	29
—	—	2,448,321	1,382,724	969	—	10.0	151,954	1,533,709	30
2,105	—	209,785	112,839	7,180	—	25.0	27,544	133,203	31
—	—	783,294	474,779	6,938	—	10.0	44,726	512,567	32
—	—	2,741,810	1,129,012	819	—	10.0	71,675	1,199,868	33
73,210	—	4,401,129	1,391,276	16,741	73,210	17.5	215,245	1,662,990	34
75,315	2,105	12,484,471	5,392,026	35,354	73,210	—	654,005	6,083,887	35
—	—	526	—	—	—	—	—	—	36
—	—	15,882,783	—	—	—	—	—	—	37
75,315	2,105	66,181,987	15,580,593	115,198	73,210	—	1,978,924	17,517,529	38
—	—	—	—	—	—	—	—	—	39
73,315	2,105	66,181,987	15,580,593	115,198	73,210	—	1,978,924	17,517,529	40

**TABLE 18. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1968 — Continued**

No.		Cost		
		Beginning of year	Additions	Retirements
		dollars		
	Eastern Provincial Airways (1963) Ltd.			
	Operating property and equipment:			
	Flight equipment:			
1	Airframes	2,875,707	589,983	211,256
2	Aircraft engines	1,011,381	286,146	124,417
3	Aircraft propellers	182,952	14,983	4,000
4	Aircraft communications and navigational equipment	406,296	89,259	24,386
5	Miscellaneous flight equipment	12,881	2,497	—
6	Flight equipment spare parts and assemblies	700,796	159,227	31,769
7	Total flight equipment	5,190,013	1,142,095	395,828
	Ground property and equipment:			
8	Ramp equipment	150,117	48,508	684
9	Communications and meteorological equipment	62,931	1,684	958
10	Maintenance and engineering equipment	112,155	12,812	332
11	Surface transport vehicles and equipment	8,920	1,436	3,923
12	Furniture, fixtures and office equipment	116,358	24,007	809
13	Miscellaneous ground equipment	62,373	2,169	11,244
14	Buildings and other improvements	870,765	11,559	18,936
15	Total ground property and equipment	1,383,619	102,175	36,886
16	Land	2,679	—	826
17	Construction work in progress	—	—	—
18	Total operating property and equipment	6,576,311	1,244,270	433,540
19	Non-operating property and equipment	—	—	—
20	Total property and equipment	6,576,311	1,244,270	433,540
	Pacific Western Airlines Ltd.			
	Operating property and equipment:			
	Flight equipment:			
21	Airframes	8,858,428	182,247	876,630
22	Aircraft engines	3,826,614	78,087	252,152
23	Aircraft propellers	534,145	10,015	21,450
24	Aircraft communications and navigational equipment	649,059	18	34,650
25	Miscellaneous flight equipment	83,770	2,423	156
26	Flight equipment spare parts and assemblies	1,763,697	628,995	238,279
27	Total flight equipment	15,715,713	901,785	1,423,517
	Ground property and equipment:			
28	Ramp equipment	—	—	—
29	Communications and meteorological equipment	139,001	13,491	7,287
30	Maintenance and engineering equipment	361,626	47,702	7,564
31	Surface transport vehicles and equipment	89,334	91,743	60,615
32	Furniture, fixtures and office equipment	190,455	31,361	7,251
33	Miscellaneous ground equipment	298,397	70,561	9,781
34	Buildings and other improvements	543,432	32,570	25,185
35	Total ground property and equipment	1,622,245	287,428	117,683
36	Land	1,525	—	—
37	Construction work in progress	140,283	512,131	—
38	Total operating property and equipment	17,479,766	1,701,344	1,541,200
39	Non-operating property and equipment	—	—	—
40	Total property and equipment	17,479,766	1,701,344	1,541,200

**TABLE 18. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1968 — Continued**

Cost			Accumulated depreciation						No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year		End of year	
Debit	Credit			Debit	Credit	Rate	Amount		
dollars									
Eastern Provincial Airways (1963) Ltd.									
—	—	3,254,434	1,109,953	28,712	122,526	—	210,847	1,414,614	1
—	—	1,173,110	339,382	178,532	6,866	—	54,105	221,821	2
—	—	193,935	48,920	20,843	1,197	—	5,570	34,844	3
—	—	471,169	145,484	445	12,518	—	30,513	188,070	4
—	—	15,378	1,435	—	—	—	1,884	3,319	5
23,084	23,084	828,254	207,132	6,744	64,595	—	31,351	296,334	6
23,084	23,084	5,936,280	1,852,306	235,276	207,702	—	334,270	2,159,002	7
90	—	198,031	56,900	648	—	—	22,065	78,317	8
—	—	63,657	36,140	932	—	—	11,434	46,642	9
—	144	124,491	61,925	324	—	—	18,846	80,447	10
—	—	6,433	8,142	4,401	—	—	409	4,150	11
54	705	138,905	65,143	517	—	—	25,624	90,250	12
705	337	53,666	53,748	11,244	—	—	2,311	44,815	13
23,347	23,010	863,725	159,138	4,645	—	—	38,443	192,936	14
24,196	24,196	1,448,908	441,136	22,711	—	—	119,132	537,557	15
—	—	1,853	—	—	—	—	—	—	16
—	—	—	—	—	—	—	—	—	17
47,280	47,280	7,387,041	2,293,442	257,987	207,702	—	453,402	2,696,559	18
—	—	—	—	—	—	—	—	—	19
47,280	47,280	7,387,041	2,293,442	257,987	207,702	—	453,402	2,696,559	20
Pacific Western Airlines Ltd.									
—	32,353	8,131,692	1,835,117	368,241	—	—	509,132	1,976,008	21
277	—	3,652,826	439,648	70,841	—	—	208,520	577,327	22
53,376	—	576,086	40,070	3,910	—	—	40,611	76,771	23
—	5,801	608,426	181,738	24,160	—	—	60,616	218,194	24
—	—	86,037	36,795	—	4,258	—	8,443	49,496	25
6,523	—	2,160,936	592,861	183,154	—	—	192,409	602,116	26
60,176	38,154	15,216,003	3,126,229	650,306	4,258	—	1,019,731	3,499,912	27
—	—	—	—	—	—	—	—	—	28
—	1	145,204	124,826	6,090	—	10	6,321	125,057	29
—	5,873	395,891	179,254	10,875	—	10	27,573	195,952	30
—	24,509	95,953	77,480	62,288	—	20	54,749	69,941	31
—	—	214,567	141,286	6,882	—	10	11,459	145,863	32
2	7,051	352,126	100,310	15,746	—	10	29,288	113,852	33
42,379	—	593,196	178,794	—	18,663	5 and 10	34,767	232,224	34
42,381	37,434	1,796,937	801,950	101,881	18,663	—	164,157	882,889	35
—	—	1,525	—	—	—	—	—	—	36
1	—	652,415	—	—	—	—	—	—	37
102,558	75,588	17,666,880	3,928,179	752,187	22,921	—	1,183,888	4,382,801	38
—	—	—	—	—	—	—	—	—	39
102,558	75,588	17,666,880	3,928,179	752,187	22,921	—	1,183,888	4,382,801	40

**TABLE 18. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1968 — Concluded**

No.		Cost		
		Beginning of year	Additions	Retirements
		dollars		
		Quebecair		
	Operating property and equipment:			
	Flight equipment:			
1	Airframes	3,754,504	791,140	—
2	Aircraft engines	16,158	59,083	—
3	Aircraft propellers	—	—	—
4	Aircraft communications and navigational equipment	35,182	9,843	—
5	Miscellaneous flight equipment	23,585	—	—
6	Flight equipment spare parts and assemblies	—	—	—
7	Total flight equipment	3,829,429	860,066	—
	Ground property equipment:			
8	Ramp equipment	24,162	7,841	—
9	Communications and meteorological equipment	14,166	939	—
10	Maintenance and engineering equipment	106,890	4,692	—
11	Surface transport vehicles and equipment	—	6,665	—
12	Furniture, fixtures and office equipment	158,409	6,203	—
13	Miscellaneous ground equipment	27,497	638	—
14	Buildings and other improvements	—	—	—
15	Total ground property and equipment	331,124	26,978	—
16	Land	—	—	—
17	Construction work in progress	—	—	—
18	Total operating property and equipment	4,160,553	887,044	—
19	Non-operating property and equipment	—	—	—
20	Total property and equipment	4,160,553	887,044	—
		Transair Ltd.		
	Operating property and equipment:			
	Flight equipment:			
21	Airframes	1,893,536	3,184,918	—
22	Aircraft engines	1,137,451	947,083	50,898
23	Aircraft propellers	—	203,952	—
24	Aircraft communications and navigational equipment	146,300	—	—
25	Miscellaneous flight equipment	95,199	3,886	—
26	Flight equipment, spare parts and assemblies	250,000	285,911	—
27	Total flight equipment	3,522,486	4,625,750	50,898
	Ground property and equipment:			
28	Ramp equipment	—	—	—
29	Communications and meteorological equipment	73,034	—	175
30	Maintenance and engineering equipment	212,438	47,163	—
31	Surface transport vehicles and equipment	95,624	5,917	10,409
32	Furniture, fixtures and office equipment	109,980	8,187	809
33	Miscellaneous ground equipment	12,524	18,517	—
34	Buildings and other improvements	815,561	1,500	—
35	Total ground property and equipment	1,319,161	81,284	11,393
36	Land	16,564	—	—
37	Construction work in progress	—	—	—
38	Total operating property and equipment	4,858,211	4,707,034	62,291
39	Non-operating property and equipment	—	—	—
40	Total property and equipment	4,858,211	4,707,034	62,291

**TABLE 18. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1968 — Concluded**

Cost		Accumulated depreciation							No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year		End of year	
Debit	Credit			Debit	Credit	Rate	Amount		
dollars		dollars							
Quebecair									
—	—	4,545,644	3,118,889	—	—	10.0	58,169	3,177,058	1
—	—	75,241	3,232	—	—	10.0	7,524	10,756	2
—	—	—	—	—	—	—	—	—	3
—	—	45,025	6,013	—	—	10.0	4,502	10,515	4
—	—	23,585	15,640	—	—	10.0	2,013	17,653	5
—	—	—	—	—	—	—	—	—	6
—	—	4,689,495	3,143,774	—	—	—	72,208	3,215,982	7
—	—	—	—	—	—	—	—	—	—
—	—	32,003	16,319	—	—	10.0	2,547	18,866	8
—	—	15,105	3,347	—	—	10.0	1,510	4,857	9
—	—	111,582	81,692	—	—	10.0	8,042	89,734	10
—	—	6,665	—	—	—	15.0	1,000	1,000	11
—	—	164,612	111,666	—	—	10.0	13,264	124,930	12
—	—	28,135	18,501	—	—	10.0	2,425	20,926	13
—	—	—	—	—	—	—	—	—	14
—	—	358,102	231,525	—	—	—	28,788	260,313	15
—	—	—	—	—	—	—	—	—	16
—	—	—	—	—	—	—	—	—	17
—	—	5,047,597	3,375,299	—	—	—	100,996	3,476,295	18
—	—	—	—	—	—	—	—	—	19
—	—	5,047,597	3,375,299	—	—	—	100,996	3,476,295	20
Transair Ltd.									
—	—	5,078,454	1,128,155	—	—	—	147,288	1,275,443	21
—	—	2,033,636	154,625	1,204	—	—	—	153,421	22
—	—	203,952	—	—	—	—	—	—	23
—	—	146,300	122,974	—	—	40.0	9,330	132,304	24
—	—	99,085	84,902	—	—	40.0	5,673	90,575	25
—	—	535,911	—	—	—	—	—	—	26
—	—	8,097,338	1,490,656	1,204	—	—	162,291	1,651,743	27
—	—	—	—	—	—	—	—	—	28
—	—	72,859	64,187	170	—	25.0	2,212	66,229	29
—	—	259,601	156,904	—	—	20.0	20,539	177,443	30
—	—	91,132	81,202	7,052	—	30.0	6,102	80,252	31
—	—	117,358	87,212	598	—	20.0	6,191	92,805	32
—	—	31,041	4,765	—	—	20.0	5,255	10,020	33
18,099	—	835,160	506,054	—	4,525	10.0	35,971	546,550	34
18,099	—	1,407,151	900,324	7,820	4,525	—	76,270	973,299	35
—	—	16,564	—	—	—	—	—	—	36
—	—	—	—	—	—	—	—	—	37
18,099	—	9,521,053	2,390,980	9,024	4,525	—	238,561	2,625,042	38
—	—	—	—	—	—	—	—	—	39
18,099	—	9,521,053	2,390,980	9,024	4,525	—	238,561	2,625,042	40

TABLE 19. Inventory of Commercial Aircraft¹ in Canada, as at January 15, 1969

Total owned and leased

	Fixed-wing aircraft	Helicopters	Total aircraft
Wt. Group A	312	—	312
Wt. Group B	1,108	40	1,148
Wt. Group C	986	284	1,270
Total all groups	2,406	324	2,730

¹ Aircraft with a valid certificate of airworthiness.

Note: Wt. Group A over 18,000 lb. take-off weight.

Wt. Group B Fixed-wing Aircraft—2,501—18,000 lb. Helicopters 3,501—18,000 lb.

Wt. Group C Fixed-wing Aircraft under 2,501 lb. Helicopters under 3,501 lbs.

TABLE 20. Personnel and Airport Licenses In Force and Aircraft Registered as of December 31, 1967 and 1968¹

Personnel	In force December 31, 1968	In force December 31, 1967	Aircraft registered	Total December 31, 1968	Total December 31, 1967
	number			number	
Pilots:			Commercial	2,840	2,486
Glider	1,175	1,025	Private	6,392	6,047
Private	23,621	21,089	State	200	214
Commercial	5,004	4,268	Commercial (restricted)	90	75
Senior commercial	550	507	Ultra light	399	292
Airline transport	2,342	2,145	Experimental	20	23
Totals	32,692	29,034	Private (restricted)	32	25
Air navigators	193	179	Totals	9,973	9,162
Air traffic controllers	924	865	Airports	In force December 31, 1968	In force December 31, 1967
Flight engineers	112	102			
Aircraft maintenance engineers	2,811	2,632	Number of airports	761	721

¹ As reported by Civil Aviation Branch, Department of Transport.

CIVIL AVIATION DEFINITIONS

Bulk transportation	(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4). (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Cargo, Air	Air freight and air express (excluding mail and excess baggage).
Carrier, Air	One authorized to operate aircraft in or over Canada for hire or reward.
Carrier, non-scheduled	Carriers not operating any scheduled (Class 1 or Class 8) service.
Carrier, scheduled	Carriers serving designated points in accordance with a service schedule and at a toll per unit.
Express, Air	A package service operated only within the U.S.A. and Canada; the rates cover door-to-door service. Because Air Express shipments take priority over Air Freight they command higher rates.
Freight, Air	Property carried at published tariff rates per unit of measure or weight.
Goods, revenue	Air cargo (freight and express) plus mail and excess baggage.
Group I carriers	Canadian Air Carriers licensed to perform both domestic and international scheduled services, (Air Canada and Canadian Pacific Air Lines Ltd.).
Group II carriers	Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd. (For statistical purposes Nordair is included in Group III).
Group III carriers	Canadian Air Carriers, licensed to perform non-scheduled services, with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
Group IV carriers	Canadian Air Carriers, licensed to perform non-scheduled services, with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
Group V carriers	Canadian Air Carriers, licensed to perform non-scheduled services, with gross annual flying revenues of less than \$100,000.
Interline traffic:	
Divisional interline	Passengers and goods received from other operating divisions of the same carrier.
Domestic interline	Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
Foreign interline	Passengers and goods received by a carrier from Foreign Air Carriers.
International Services:	
Pacific and Orient Services	Services between Canada and points in the Pacific Ocean, Orient and Australasia.
Southern Services	Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
Trans-Atlantic and Polar Services	Services between Canada and Europe.
Trans-border Services	Services between Canada and the United States except Hawaii.
Load capacity available	Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.
Miles	Statute miles of 5,280 ft.
Passenger	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.
Non-revenue passenger	A person (including company personnel other than crew) carried on a revenue transportation flight for whom no fare is collected.
Revenue passenger	A child or adult for whom a fare or part of a fare is paid.
Passenger load-factor	Ratio of revenue passenger-miles performed to available seat-miles.
Passenger-mile	The transportation of one passenger one mile.
Seat-miles available	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.
Specialty Flying Services	Non-transportation flying services such as flying training, aerial photography, and aerial inspection.
Tons	Short tons of 2,000 lbs.
Ton-miles	The transportation of one ton of goods one mile or any combination of weight in pounds and number of miles flown the product of which is 2,000.
Ton-miles available	Available load capacity multiplied by miles flown on each inter-station flight.
Unit toll transportation	Public transportation of passengers and goods at a toll per unit. It includes: (i) scheduled services between designated points in accordance with a schedule (Class I); and (ii) non-scheduled services either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
Weight load factor	Ratio of revenue ton-miles performed to available ton-miles.

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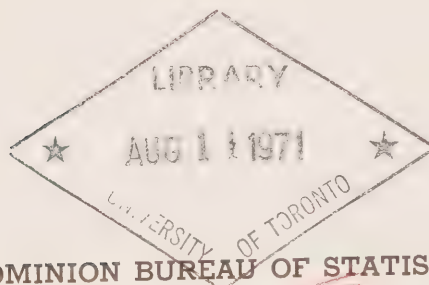


CIVIL AVIATION

1969

Last Issue

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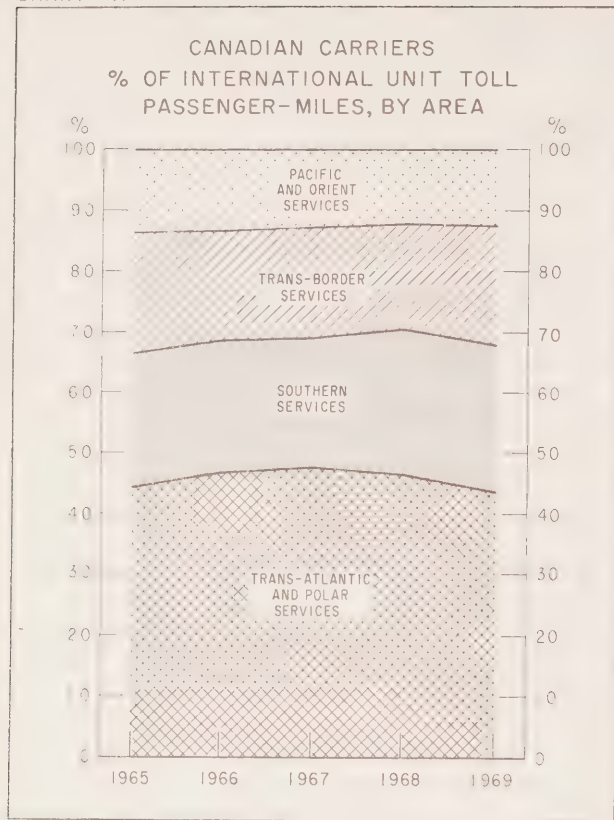


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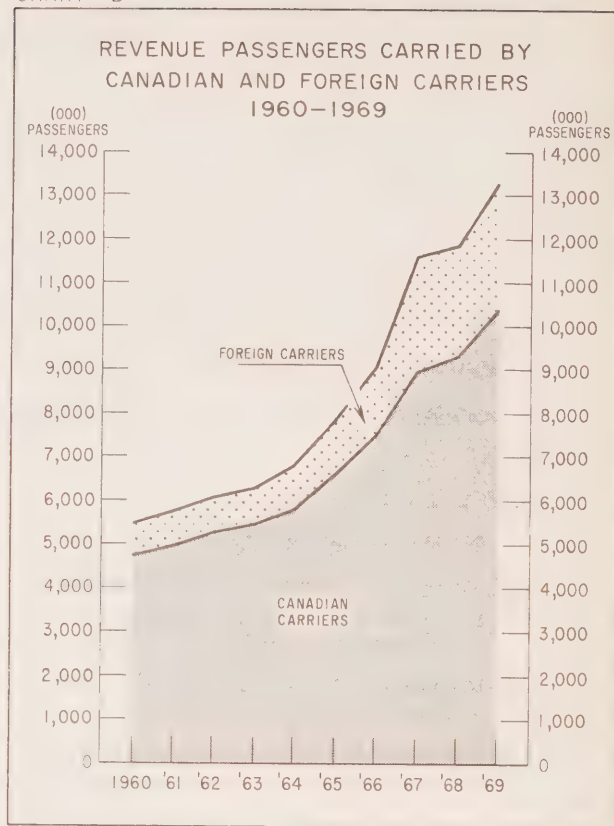


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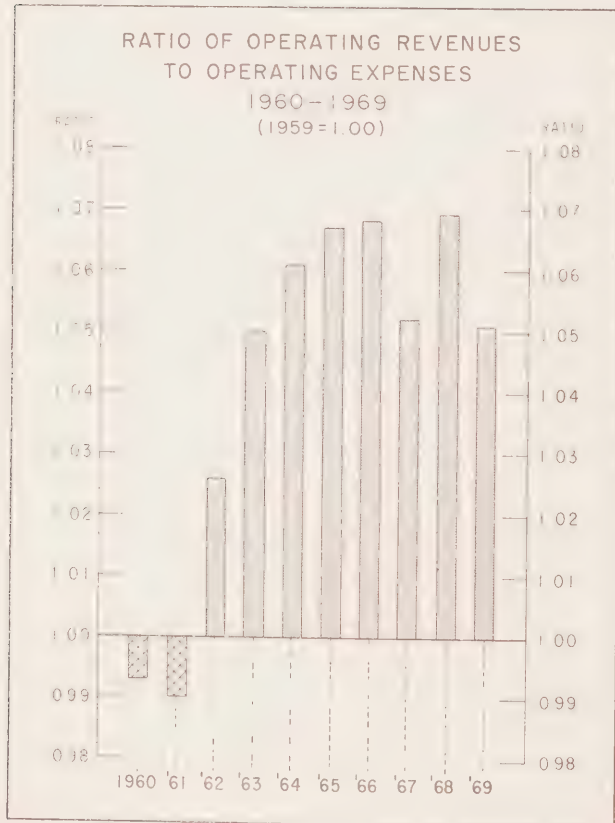
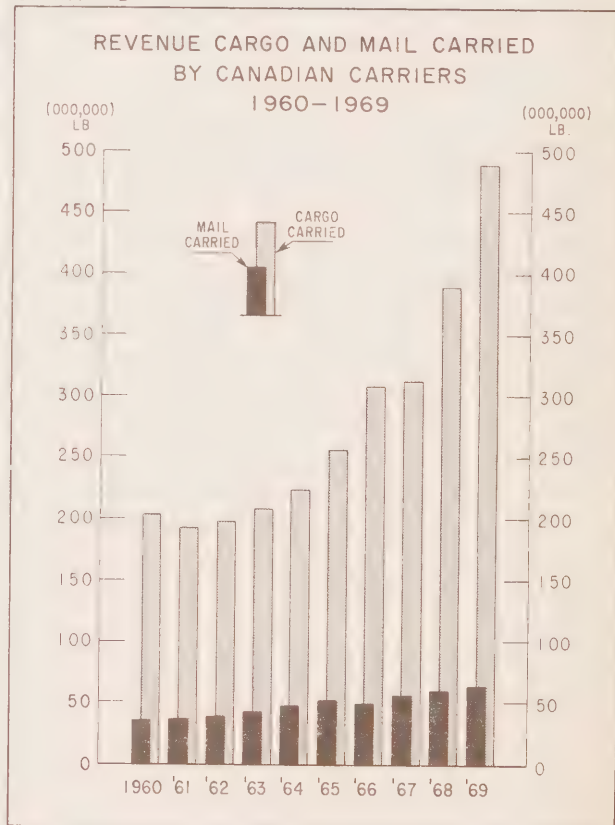


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CIVIL AVIATION

1969

This is the last issue of "Civil Aviation—Annual" catalogue number 51-202. Modern computer techniques have enabled us to compile and publish aviation statistics much faster and more efficiently. As of January 1, 1970, the data is published in a new computerized format in the following publications:

1. "Transcontinental and Regional Air-Carrier Operations" Catalogue 51-001—Monthly
2. "Air Carrier Financial Statements" Catalogue No. 51-002—Quarterly
3. "Air Carrier Financial Statements" Catalogue No. 51-206.

Monthly data is now being published approximately 60 days after the end of the reporting month, quarterly data 120 days after the end of the reporting quarter, and financial data 180 days after the end of the year. Annual data may be obtained from the year-to-date column of the 4th quarter edition of "Air Carrier Operations in Canada".

The figures presented in this publication cover the operating and financial data submitted by Canadian carriers and foreign air carriers operating scheduled services between Canada and other countries. Statistics of Canadian airlines include both their domestic and international flights while figures for foreign companies cover their hours and miles flown over Canadian territory only. Passengers and goods in transit through Canada are not included. Because the coverage given to Canadian airlines differs from that given to foreign airlines the statistics shown under similar headings are not directly comparable.

In this report, Canadian air carriers have been divided into five groups based on gross annual flying revenues and the type of service (scheduled or non-scheduled) performed. Definitions of these groups and of other terms used are given on the last two pages of the publication. The number of Canadian carriers which submitted annual reports for 1969 in each group is as follows:

Group I	2
Group II	4
Group III	36
Group IV	77
Group V	304
Total	423

The total number of air carriers reporting varies slightly from year to year, chiefly because of entries, withdrawals and amalgamations of small air carriers. Changes in the number of small firms are of little significance in the total figures for all categories but there can be significant changes within groups and from one group to another depending upon the activities of individual companies.

These changes tend to produce distortions in comparisons of specific groups over a period of years.

Because Nordair Ltd. did not operate Class I services during 1969 it is included in Group III for statistical purposes, even though it is comparable in gross revenue to the carriers in Group II.

Since Group V carriers file reports on a quarterly basis only, data on their operations are not available for monthly publication but are shown in a special table in the monthly report for March, June, September and December. This Group V information is not included in totals for all carriers shown in other tables throughout the report. To be consistent with the monthly publication this practice has been continued in the annual report. Although they are by far the largest group in terms of numbers, the Group V carriers are not significant in terms of revenue; their reported operating revenues usually amount to less than 4 per cent of the total operating revenues of all Canadian carriers.

In Table 7 domestic and international operations of Canadian carriers are shown separately. All other tables show totals for all areas of service.

Wherever it is practical to do so, figures for services sold on a unit toll basis are subdivided into scheduled operations and non-scheduled operations. However, a complete breakdown is not possible because some air carriers offer both types of service on the same route. In such cases the route is designated scheduled or non-scheduled according to the type of service which predominates.

Financial statistics of Canadian carriers which are shown in Tables 8 to 16 are collected and compiled according to definitions and procedures outlined in a set of manuals entitled "Uniform System of Accounts and Reports for Commercial Air Carriers".

Review of 1969 operations

The number of revenue passengers carried by all services of Canadian air carriers in Groups I-IV during 1969 was 10,361,115 an increase of 11.3 per cent over 1968. Foreign airlines carried 2,911,294 revenue passengers for a increase of 14.1 per cent from 1968. Revenue passengers carried by unit toll services of Canadian carriers rose 9.8 per cent over the previous year, from 8,428,972 in 1968 to 9,251,226 passengers in 1969.

Miles flown by Canadian and foreign air carriers in scheduled unit toll services rose from 139,542,867 to 144,863,000 miles, for an increase of 3.8 per cent, and hours flown increased 0.6 per cent over 1969 for the same services.

The ratio of operating revenues to operating expenses fell from 1,069 in 1968, to 1,051 in 1969.

At year end, the total assets reported by Canadian carriers were valued at \$968,165,149, as compared with \$742,243,559 for 1968.

Helicopters

Carriers operating helicopters exclusively reported 146,557 revenue hours, an increase of 9.7 per cent over 1968. These operations accounted for 86.7 per cent of the total number of hours flown by all helicopters. Of the total number of revenue hours flown for all types of services, by all types of services, by all types of aircraft, the revenue hours flown by helicopters accounted for 14.1 per cent.

General factors affecting statistics

Services.—American Airlines was on strike from February 27 to March 21, 1969. B.O.A.C. pilots were on strike from March 30 to April 5, 1969. CP Air added Ottawa to its transcontinental service April 1, 1969. Olympic Airways started Athens-Montreal service April 2, 1969. Air Canada was on strike April 21 to May 20, 1969. CP Air dropped its New Zealand route April 25, 1969. Iberia Airlines started a Madrid-Montreal service April 27, 1969. Air Canada began a Toronto-Montreal-Brussels service May 23, 1969. Western Airlines was on strike July 29-August 16, 1969.

SYMBOLS

The following standard symbols are used in Dominion Bureau of Statistics publications:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- amount too small to be expressed.
- p preliminary figures.
- r revised figures.

CIVIL AVIATION

TABLE 1. Statistical Summary of Commercial Aviation in Canada, 1964-1969

	1969	1968	1967	1966	1965	1964
Canadian carriers — Group I to IV						
Revenue operations						
Unit toll services:						
Hours flown	No. 488,979	486,923	447,599	376,783	335,379	300,798
Miles flown	" 148,266,633	139,392,852	123,838,207	100,158,972	86,334,027	76,404,782
Passengers carried	" 9,251,226	8,428,972	8,157,263	6,737,425	5,939,267	5,197,579
Cargo and excess baggage carried ⁴	lb. 250,744,303	236,067,640	190,785,392	181,254,830	147,004,678	117,497,668
Mail carried	" 63,108,194	59,188,791	55,445,778	49,019,825	50,440,235	46,804,224
Passenger-miles	No. 8,167,709,341	7,525,660,146	6,935,143,376	5,606,619,064	4,731,304,865	3,939,075,129
Cargo and excess baggage ton-miles	" 214,980,425	177,139,233	6,935,143,376	5,606,619,064	4,731,304,865	3,939,075,129
Mail ton-miles	" 35,348,274	30,716,462	28,725,430	24,844,304	21,772,396	18,952,877
Bulk services:						
Hours flown	" 477,656	427,530	397,656	376,017	319,926	263,541
Miles flown	" 50,983,462	42,138,169	36,654,316	34,899,847	30,903,936	27,046,832
Passengers carried	" 1,109,889	876,506	790,587	724,262	631,182	584,509
Freight carried	lb. 238,644,138	153,506,525	120,603,513	126,826,164	108,947,834	108,124,248
Passenger-miles ¹	No. 1,309,541,993	643,968,995	392,103,899	376,714,577	464,825,765	469,807,322
Goods ton-miles ¹	" 65,209,475	18,854,520	13,330,317	11,461,634	13,507,018	17,839,881
Other flying services (specialty):						
Hours flown	" 229,675	244,009	255,694	187,634	126,469	97,169
Total, all services:²						
Hours flown ²	" 1,196,310	1,158,462	1,100,949	940,434	781,774	661,508
Miles flown	" 199,250,095	181,531,021	160,492,523	135,058,819	117,237,963	103,451,614
Passengers carried	" 10,361,115	9,305,478	8,947,850	7,461,687	6,570,449	5,782,088
Cargo and excess baggage carried	lb. 489,388,441	389,574,165	311,388,905 ⁴	308,080,994	255,952,512	223,621,916
Goods carried ³	" 552,496,635	448,762,956	366,834,683	357,100,819	306,392,747	270,426,140
Passenger-miles	No. 9,477,251,334	8,169,629,141	7,327,247,275	5,983,333,641	5,196,130,630	4,408,882,451
Goods ton-miles	" 315,538,174	226,710,215	170,094,941	147,869,223	123,507,619	105,830,940
Non-revenue operations						
Hours flown	" 40,025	42,916	44,817	42,691	29,898	21,363
Passengers carried	" ..	55,191	47,022	40,808	38,336	36,026
Goods carried ³	lb. ..	3,954,377	3,047,377	3,420,766	3,353,674	3,196,432
Passenger-miles	No. ..	405,322,479	290,276,354	254,032,603	224,745,710	207,986,297
Goods ton-miles	" ..	9,488,085	8,746,168	8,649,711	7,995,872	7,709,768
Selected revenue and expense items:						
Fuel	gal. 443,414,069	397,608,956	348,327,974	292,926,470	249,336,707	218,042,395
Cost	\$ 77,916,538	64,946,784	54,341,529	47,041,340	40,536,285	36,169,043
Oil	gal. 455,363	498,915	481,991	457,607	395,347	343,128
Cost	\$ 1,229,227	1,275,579	1,134,880	1,015,553	895,341	882,091
Average number of employees	No. 28,625	26,550	24,686	21,440	19,007	17,795
Salaries and wages paid	\$ 245,433,785	214,642,855	186,901,990	151,137,835	129,774,695	116,465,350
Operating revenues	\$ 701,246,621	616,376,661	544,542,527	460,739,579	392,806,566	334,930,874
Operating expenses	\$ 667,379,325	576,464,088	517,335,426	431,382,156	368,207,884	315,569,629
Operating income (loss)	\$ 33,867,296	39,912,573	27,207,101	29,357,423	24,598,682	19,361,245
Net income or deficit after income taxes	\$ 2,453,586	11,970,627	10,201,222	13,866,452	13,181,834	8,393,110
Canadian and foreign carriers⁵						
Revenue operations						
Hours flown (all services)	No. 1,228,167	1,188,228	1,128,736	963,067	801,129	679,784
Miles flown (transportation services)	" 210,869,336	192,935,045	171,195,228	143,589,016	124,448,003	110,138,322
Passengers carried (transportation services)	" 13,273,724	11,857,701	11,596,102	9,023,691	7,838,539	6,774,652
Cargo and excess baggage carried (transportation services)	lb. 581,319,688	471,745,746	374,183,884	359,719,124	291,499,029	250,789,269
Mail carried (transportation services)	" 76,978,315	68,294,540	61,666,351	53,929,067	54,677,855	50,705,488
Passenger-miles (unit toll transportation)	No. 8,813,017,643	8,066,168,412	7,558,559,689	6,025,992,516	5,065,493,215	4,200,293,067
Cargo and excess baggage (unit toll transportation) ton-miles	" 232,439,592	198,853,796	146,446,329	124,594,946	97,177,466	75,908,279
Mail ton-miles (unit toll transportation)	" 37,041,035	32,188,125	30,589,694	25,887,527	22,735,329	19,897,070

¹ Not reported for aircraft of less than 18,000 lb. take off weight.² All services excludes specialty flying services except for number of hours flown.³ Freight, express, excess baggage and mail.⁴ Excess baggage not reported by Air Canada.⁵ See Introduction, page 5. (Statistics of Canadian airlines includes both domestic and international flights while figures for foreign carriers cover hours and miles flown over Canadian territory only).

TABLE 2. Operating Statistics, Canadian Carriers, Group I to IV and Foreign Carriers, 1969

		Canadian carriers ¹				Foreign carriers ¹		Grand total all carriers	
		Scheduled carriers	Non-scheduled carriers			Total Canadian carriers	United States carriers		Other foreign carriers ³
		Group I and II	Group III ²	Group IV	Total				
Number of carriers reporting.....		6	36	77	113	119	11	12	142
Revenue operations									
Unit toll services:									
Departures.....	No.	408,603	54,609	25,767	80,376	488,979	8,520	21,799	519,298
Hours flown.....	"	132,163,372	...	...	...	132,163,372	3,001,138	8,222,133	143,386,643
Miles scheduled.....	"	133,724,930	...	...	...	133,724,930	2,896,381	8,241,689	144,863,000
Miles flown: ⁴	"	2,374,644	8,596,230	3,570,829	12,167,059	14,541,703	—	—	14,541,703
Scheduled services.....	"	136,099,574	8,596,230	3,570,829	12,167,059	148,266,633	2,896,381	8,241,689	159,404,703
Non-scheduled services.....	"	8,885,101	268,415	97,710	366,125	9,251,226	2,284,144	548,305	12,083,675
Totals.....	"	229,765,341	15,559,764	3,039,106	18,598,870	250,744,303	42,215,882	49,626,403	342,586,588
Passengers carried.....	"	1,616,451	602,175	161,466	763,641	250,744,303	42,215,882	49,626,403	342,586,588
Goods carried:	lb.	57,931,698	4,390,372	786,124	5,176,496	63,108,194	10,334,756	3,535,365	76,978,315
Cargo.....	"	289,313,490	20,552,311	3,986,696	24,539,007	313,852,497	52,550,638	53,161,768	419,564,903
Excess baggage ⁵	"	8,074,345,169	62,683,093	30,681,079	93,364,172	8,167,709,341	118,690,926	526,617,376	8,813,017,643
Mail.....	"	206,778,348	5,846,669	1,053,459	6,900,128	214,980,425	1,295,241	16,163,926	232,439,592
Totals.....	"	948,030	173,755	180,164	353,919	35,348,274	275,089	1,417,672	37,041,035
Passenger-miles.....	No.	33,817,908	1,268,981	261,385	1,530,366	35,348,274	275,089	1,417,672	37,041,035
Goods ton-miles:	"	241,544,286	7,289,405	1,495,008	8,784,413	250,328,699	1,570,330	17,581,598	269,480,627
Cargo.....	"	22,284	173,014	193,699	366,713	388,997	..	..	..
Excess baggage.....	"	41,409	254,989	181,258	436,247	477,656	103	1,435	479,194
Mail.....	"	11,063,005	20,807,418	19,113,039	39,920,457	50,983,462	33,925	447,246	51,464,633
Passengers carried.....	"	269,166	470,549	370,174	840,723	1,109,889	11,327	67,518	1,188,734
Freight carried.....	lb.	109,134,377	88,408,755	41,101,006	129,509,761	238,644,138	—	88,962	238,733,100
Passenger-miles ⁶	No.	760,851,991	537,533,989	11,156,013	548,690,002	1,309,541,993	..	..	..
Goods ton-miles ⁶	"	36,967,674	27,120,187	1,121,614	28,241,801	65,209,475	..	..	..
Other flying services (specialty):	"	2,626	46,063	180,986	227,049	229,675	—	—	229,675
Hours flown.....	"	2,626	46,063	180,986	227,049	229,675	—	—	229,675
Total—All services: ⁷	"	452,638	355,661	388,011	743,672	1,196,310	8,623	23,234	1,228,167
Departures.....	"	147,162,579	29,403,648	22,683,868	52,087,516	199,250,095	2,930,306	8,688,935	210,869,336
Hours flown.....	"	9,154,267	738,964	467,884	1,206,848	10,361,115	2,295,471	615,823	13,272,409
Miles flown.....	"	338,899,718	103,968,519	44,140,112	148,108,631	489,388,441	42,215,882	49,715,365	581,319,688
Passengers carried.....	"	398,447,867	108,961,066	45,087,702	154,048,768	552,496,635	52,530,638	53,250,730	658,298,003
Cargo carried ⁵	lb.	8,835,197,160	600,217,082	41,837,092	642,054,174	9,477,251,334	..	..	..
Goods carried ⁵	"	278,511,960	34,409,592	2,616,622	37,026,214	315,538,174	..	..	..
Passenger-miles.....	No.	278,511,960	34,409,592	2,616,622	37,026,214	315,538,174	..	..	..
Goods ton-miles.....	"	278,511,960	34,409,592	2,616,622	37,026,214	315,538,174	..	..	..
Non revenue operations									
Hours flown.....	"	13,911	15,527	10,587	26,114	40,025	105	1,435	41,565
Passengers carried ⁵.....	"	..	..	..	..	..	43,441	9,020	..
Goods carried ⁵	lb.	..	..	..	..	..	—	410,795	..
Passenger-miles.....	No.	..	..	..	..	..	2,225,583	8,528,732	..
Goods ton-miles.....	"	..	..	..	..	..	17,346	190,666	..
Selected expense items:									
Turbo fuel:									
Quantity.....	gal.	400,655,814	15,648,471	1,204,143	16,852,614	417,508,428	16,442,362	60,212,666	494,163,456
Cost.....	\$	63,052,106	3,375,450	427,280	3,802,730	66,854,836	2,920,144	13,058,304	82,833,284
Gasoline:									
Quantity.....	gal.	8,499,488	11,121,706	6,284,447	17,406,153	25,905,641	—	—	25,905,641
Cost.....	\$	3,143,831	5,051,867	2,866,004	7,917,871	11,061,702	—	—	11,061,702
Oil consumed:									
Turbo aircraft:									
Quantity.....	gal.	76,367	2,983	627	3,610	79,977	3,067	1,252	84,296
Cost.....	gal.	609,677	15,284	5,425	20,709	630,386	20,688	10,984	662,058
Other aircraft:									
Quantity.....	gal.	114,636	159,166	101,584	260,750	375,386	—	—	375,386
Cost.....	\$	131,018	293,711	174,112	467,823	598,841	—	—	598,841
Average number of employees:									
Pilots and co-pilots.....	No.	1,862	674	577	1,251	3,113	..	..	..
Other flight personnel.....	"	2,440	145	40	185	2,625	..	..	..
General management.....	"	480	211	166	377	857	..	..	..
Maintenance labour.....	"	4,859	746	422	1,168	6,027	..	..	..
Aircraft and traffic servicing.....	"	8,518	261	125	386	8,904	..	..	..
Other personnel.....	"	6,448	372	279	651	7,099	..	..	..
Totals.....	"	24,607	2,409	1,609	4,018	28,625	663	645	29,933
Salaries and wages paid:									
Pilots and co-pilots.....	\$	33,225,861	7,458,560	5,252,737	12,711,297	45,937,158	..	..	..
Other flight personnel.....	\$	16,678,105	859,359	240,544	1,099,903	17,778,008	..	..	..
General management.....	\$	7,041,501	2,439,299	1,435,978	3,875,277	10,916,778	..	..	..
Maintenance labour.....	\$	40,724,491	5,462,755	2,874,774	8,337,529	49,062,020	..	..	..
Aircraft and traffic servicing.....	\$	62,927,848	1,587,163	702,420	2,289,583	65,217,431	..	..	..
Other personnel.....	\$	52,612,955	2,270,443	1,638,992	3,909,435	56,522,390	..	..	..
Totals.....	\$	213,210,761	20,077,579	12,145,445	32,223,024	245,433,785	5,422,150	5,689,797	256,545,732

¹ See Introduction, page 5.² Nordair Ltd. included with Group III carriers for purposes of this report.³ Includes fifth freedom traffic between United States and Canada.⁴ Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.⁵ Excludes Air Canada.⁶ Not reported for aircraft of less than 18,000 lb. take-off weight.⁷ "All services" excludes "Specialty flying services" except for number of hours flown.

TABLE 3. Statement of Income, Canadian Carriers — All Services, by Revenue Group, Year Ended December 31, 1969

	Scheduled carriers			Non-scheduled carriers			Grand total 1969	Grand total 1968
	Group I	Group II ¹	Total	Group III ¹	Group IV	Total		
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	439,360,456	31,229,226	470,589,682	8,021,275	1,645,114	9,666,389	480,256,071	442,999,045
Express	8,857,742	615,840	9,473,582	101,713	15,457	117,170	9,590,752	9,437,776
Freight	41,810,510	4,309,499	46,120,009	2,981,812	297,861	3,279,673	49,399,682	40,555,679
Excess baggage	2,085,972	380,533	2,466,505	162,062	36,564	198,626	2,665,131	2,630,297
Mail	23,405,231	2,227,790	25,633,021	1,417,387	129,870	1,547,257	27,180,278	24,421,576
Total unit toll transportation	515,519,911	38,762,888	554,282,799	12,684,249	2,124,866	14,809,115	569,091,914	520,044,373
Bulk transportation	14,834,237	18,080,225	32,914,462	50,251,361	17,835,916	68,087,277	101,001,739	71,698,360
Total transportation	530,354,148	56,843,113	587,197,261	62,935,610	19,960,782	82,896,392	670,093,653	591,742,733
Other flying services	104,307	806,467	910,774	6,976,106	8,435,868	15,411,974	16,322,748	13,909,990
Total flying services	530,458,455	57,649,580	588,108,035	69,911,716	28,396,650	98,308,366	686,416,401	605,652,723
Non-flying services	7,910,666	2,364,223	10,274,889	2,209,438	2,345,893	4,555,331	14,830,220	10,723,938
Total operating revenue	538,369,121	60,013,803	598,382,924	72,121,154	30,742,543	102,863,697	701,246,621	616,376,661
Operating expenses:								
Flying operations	119,347,240	22,375,016	141,722,256	28,293,941	12,857,292	41,151,233	182,873,489	165,172,207
Maintenance	83,131,374	13,722,775	96,854,149	18,318,782	7,783,634	26,102,416	122,956,565	113,777,471
General services and administration:								
Passenger service	56,553,966	3,949,191	60,503,157	..	..	..	..	..
Aircraft and traffic servicing	79,592,475	8,926,482	88,518,957	..	..	..	..	..
Promotion and sales	89,497,007	3,929,330	93,426,337	..	..	..	..	..
General administration	25,384,590	3,963,207	29,347,797	..	..	..	..	..
Totals	251,028,038	20,768,210	271,796,248	14,115,388	5,837,525	19,952,913	291,749,161	246,094,789
Depreciation and amortization	54,721,381	4,213,614	58,934,995	7,068,923	3,796,192	10,865,115	69,800,110	51,419,621
Total operating expenses	508,228,033	61,079,615	569,307,648	67,797,034	30,274,643	98,071,677	667,379,325	576,464,088
Operating income (loss)	30,141,088	Dr. 1,065,812	29,075,276	4,324,120	467,900	4,792,020	33,867,296	39,912,573
Non-operating income — Net:								
Capital gains and losses	2,599,956	456,675	3,056,631	498,379	512,912	1,011,291	4,067,922	932,432
Interest and discounts	7,897,589	1,042,190	8,939,779	192,787	Dr. 41,860	150,927	9,090,706	7,217,769
Miscellaneous non-operating income	Dr. 677,563	54,448	Dr. 633,115	136,730	164,467	301,197	Dr. 321,918	1,706,362
Income before interest expense	39,961,070	487,501	40,448,571	5,152,016	1,103,419	6,255,435	46,704,006	49,769,136
Interest expense	29,682,962	3,134,632	32,817,594	3,521,276	966,546	4,487,822	37,305,416	26,231,108
Income before income taxes	10,278,108	Dr. 2,647,131	7,630,977	1,630,740	136,873	1,767,613	9,398,590	23,538,028
Provision for income taxes	5,235,000	168,000	5,403,000	1,152,191	389,813	1,542,004	6,945,004	11,567,401
Net income after income taxes	5,043,108	Dr. 2,815,131	2,227,977	478,549	Dr. 252,940	225,609	2,453,586	11,970,627

¹ Nordair Ltd. included with Group III carriers for purposes of this report.

TABLE 4. Statement of Income, Canadian Scheduled Carriers — All Services, by Company, Year Ended December 31, 1969

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total 1969	Total 1968
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	332,727,310	106,633,146	5,178,374	14,736,773	6,463,938	4,850,141	470,589,682	437,231,292
Express	7,967,417	890,325	69,415	411,426	..	134,999	9,473,582	9,305,427
Freight	31,897,017	9,913,493	991,116	1,769,931	1,088,813	459,639	46,120,009	38,368,840
Excess baggage	1,404,660	681,312	87,776	162,483	111,565	18,709	2,466,505	2,477,237
Mail	16,045,619	7,359,612	731,282	1,027,963	199,904	268,641	25,633,021	23,095,881
Total unit toll transportation	390,042,023	125,477,888	7,057,963	18,108,576	7,864,220	5,732,129	554,282,799	510,478,677
Bulk transportation	8,732,301	6,101,936	1,567,965	13,465,273	360,612	2,686,375	32,914,462	15,352,742
Total transportation	398,774,324	131,579,824	8,625,928	31,573,849	8,224,832	8,418,504	587,197,261	525,831,419
Other flying services	104,307	—	806,467	—	—	—	910,774	1,113,308
Total flying services	398,878,631	131,579,824	9,432,395	31,573,849	8,224,832	8,418,504	588,108,035	526,944,727
Non-flying services	5,773,262	2,137,404	1,972,609	—	308,864	82,750	10,274,889	6,676,935
Total operating revenue	404,651,893	133,717,228	11,405,004	31,573,849	8,533,696	8,501,254	598,382,924	533,621,662
Operating expenses:								
Flying operations	88,059,839	31,287,401	4,018,831	12,006,415	3,031,125	3,318,645	141,722,256	129,934,275
Maintenance	68,733,091	14,398,283	3,221,201	5,445,857	2,452,840	2,602,877	96,854,149	93,146,488
General services and administration:								
Passenger service	41,411,451	15,142,515	686,627	2,114,016	415,644	732,904	60,503,157	49,380,014
Aircraft and traffic servicing	64,071,149	15,521,326	1,705,850	4,989,509	756,306	1,474,817	88,518,957	75,974,863
Promotion and sales	63,343,725	26,153,282	373,124	1,789,384	1,370,119	396,703	93,426,337	81,359,061
General administration	18,135,267	7,249,323	535,155	1,865,660	685,186	877,206	29,347,797	23,854,017
Totals	186,961,592	64,066,446	3,300,756	10,758,569	3,227,255	3,481,630	271,796,248	230,567,955
Depreciation and amortization	42,433,255	12,288,126	723,536	2,001,897	610,017	878,164	58,934,995	44,155,152
Total operating expenses	386,187,777	122,040,256	11,264,324	30,212,738	9,321,237	10,281,316	569,307,648	497,803,870
Operating income (loss)	18,464,116	11,676,972	140,680	1,361,111	Dr. 787,541	Dr. 1,780,062	29,075,276	35,817,792
Non-operating income — Net:								
Capital gains and losses	2,162,023	437,933	63,740	439,486	Dr. 2,799	Dr. 43,752	3,056,631	185,298
Interest and discounts	7,408,498	489,091	3,616	342,906	695,668	—	8,939,779	6,951,286
Miscellaneous non-operating income	303,856	Dr. 981,419	21,777	34,977	—	Dr. 2,306	Dr. 623,115	1,427,741
Income before interest expense	28,338,493	11,622,577	229,813	2,178,480	Dr. 94,672	Dr. 1,826,120	40,448,571	44,382,117
Interest expense	25,245,865	4,437,097	579,430	1,448,463	875,442	231,297	32,817,594	23,821,489
Income before income taxes	3,092,628	7,185,480	Dr. 349,617	730,017	Dr. 970,114	Dr. 2,057,417	7,630,977	20,560,628
Provision for income taxes	1,545,000	3,690,000	—	168,000	—	—	5,403,000	10,922,800
Net income after income taxes	1,547,628	3,495,480	Dr. 349,617	562,017	Dr. 970,114	Dr. 2,057,417	2,227,977	9,637,828

TABLE 5. Operating Statistics, Canadian Scheduled Carriers — All Services, by Company, 1969

TABLE 3: Operating Statistics									
	Group I carriers			Group II carriers ¹					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue operations									
Unit toll services:									
Departures No.	..	..	..	..	..	..	..	..	..
Hours flown "	274,302	65,921	340,223	14,678	21,766	16,020	15,916	68,380	408,603
Miles scheduled "	92,901,420	27,804,012	120,705,432	930,430	5,220,332	2,986,743	2,320,435	11,457,940	132,163,372
Miles flown:									
Scheduled services:									
Regular "	91,105,948	27,190,991	118,296,939	839,851	5,042,102	2,986,743	2,254,697	11,123,393	129,420,332
Extra sections "	2,861,356	866,639	3,727,995	79,689	454,493	—	42,421	576,603	4,304,598
Non-scheduled services "	—	—	—	1,887,581	—	—	487,063	2,374,644	2,374,644
Totals "	93,967,304	28,057,630	122,024,934	2,807,121	5,496,595	2,986,743	2,784,181	14,074,640	136,099,574
Ratio of regular miles flown to miles scheduled	98.1	97.8	98.0	90.3	96.6	100.0	97.2	97.1	97.9
Passengers carried (Scheduled and non-scheduled) ² No.	6,434,949	1,313,373	7,748,322	140,036	626,064	205,976	164,703	1,136,779	8,885,101
Goods carried (Scheduled and non-scheduled):²									
Express lb.	16,227,705	2,195,543	18,423,248	182,664	10,208,486	—	463,959	10,855,109	29,278,357
Freight "	152,423,250	30,304,367	182,727,617	8,230,294	1,102,255	4,256,257	4,170,561	17,759,367	200,486,984
Excess baggage "	—	364,422	364,422	266,940	551,457	433,618	14	1,252,029	1,616,451
Mail "	44,973,918	5,340,350	50,314,268	2,919,284	3,111,081	678,279	908,786	7,617,430	57,931,698
Totals "	213,624,873	38,204,682	251,829,555	11,599,182	14,973,279	5,368,154	5,543,320	37,483,935	289,313,490
Passenger-miles:									
Scheduled services No.	5,740,298,549	1,980,646,192	7,720,944,741	21,082,882	168,067,524	71,381,303	51,196,774	311,728,483	8,032,673,224
Non-scheduled services "	—	—	—	37,157,205	—	—	4,514,740	41,671,945	41,671,945
Totals	5,740,298,549	1,980,646,192	7,720,944,741	58,240,087	168,067,524	71,381,303	55,711,514	353,400,428	8,074,345,169
Available seat-miles on scheduled services	10,058,407,457	3,952,060,124	14,010,467,581	58,745,670	386,897,899	127,264,330	105,055,843	677,963,742	14,688,431,323
Passenger load factor on scheduled services	57.1	50.1	57.1	35.9	43.4	56.1	48.7	46.0	54.7
Goods ton-miles:									
Express:									
Scheduled services No.	7,696,294	922,410	8,618,704	12,626	328,013	—	79,051	419,690	9,038,394
Non-scheduled services "	—	—	—	18,021	—	—	6,870	24,891	24,891
Totals	7,696,294	922,410	8,618,704	30,647	328,013	—	85,921	444,581	9,063,285
Freight:									
Scheduled services "	148,203,814	42,306,116	190,509,930	249,314	3,538,391	837,812	583,622	5,209,139	195,719,069
Non-scheduled services "	—	—	—	1,731,972	—	—	264,022	1,995,994	1,995,994
Totals	148,203,814	42,306,116	190,509,930	1,981,286	3,538,391	837,812	847,644	7,205,133	197,715,063
Excess baggage:									
Scheduled services "	—	364,422	364,422	29,351	116,686	99,605	—	245,642	902,394
Non-scheduled services "	—	—	—	45,636	—	—	—	45,636	45,636
Totals	—	364,422	364,422	74,987	116,686	99,605	—	291,278	948,030
Mail:									
Scheduled services "	25,151,448	5,770,167	31,921,615	272,643	889,785	171,059	95,499	1,428,986	33,350,601
Non-scheduled services "	—	—	—	397,964	—	—	69,343	467,307	467,307
Totals	25,151,448	5,770,167	31,921,615	670,607	889,785	171,059	164,842	1,896,293	33,817,908
Totals, goods ton-miles:									
Scheduled services "	181,051,556	50,655,445	231,707,001	563,934	4,872,875	1,108,476	758,172	7,303,457	239,010,458
Non-scheduled services "	—	—	—	2,193,593	—	—	340,235	2,533,828	2,533,828
Totals	181,051,556	50,655,445	231,707,001	2,757,527	4,872,875	1,108,476	1,098,407	9,837,285	241,544,286
Available ton-miles on scheduled services	1,600,260,852	546,606,005	2,146,866,857	6,399,721	49,934,309	14,386,243	13,427,519	84,147,792	2,233,014,949
Weight load factor on scheduled services ³	47.1	45.5	46.7	76.0	43.4	57.3	46.3	48.7	46.8

See footnote(s) at end of table.

TABLE 5. Operating Statistics, Canadian Scheduled Carriers — All Services, by Company, 1969 — Concluded

		Group I carriers			Group II carriers ¹					Grand total
		Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue operations — Concluded										
Bulk services:										
Departures	No.	2,045	599	2,644	10,733	5,002	1,364	2,541	19,640	22,284
Hours flown	"	6,675	2,867	9,542	11,162	12,085	1,640	6,980	31,867	41,409
Miles flown	"	2,885,145	1,356,416	4,241,561	1,087,562	4,099,609	327,904	1,306,369	6,821,444	11,063,005
Passengers carried	"	92,894	61,366	154,260	19,762	75,191	4,852	15,101	114,906	269,166
Freight carried	lb.	4,013,352	51,654	4,065,006	2,991,005	45,253,622	43,271,051	13,553,693	105,069,371	109,134,377
Passenger-miles ⁴	No.	277,997,998	230,716,443	508,714,441	2,255,684	227,416,636	5,895,919	16,569,311	252,137,550	760,851,991
Goods ton-miles ⁴	"	5,601,096	37,807	5,638,903	242,109	15,062,662	12,245,120	3,778,880	31,328,771	36,967,674
Other flying services (specialty):										
Hours flown	"	352	—	352	2,274	—	—	—	2,274	2,626
Total — All services: ⁵										
Departures .....	"	..	..	..	..	..	..	..	..	..
Hours flown	"	281,329	68,788	350,117	28,114	33,851	17,660	22,896	102,521	452,638
Miles flown	"	96,852,449	29,414,046	126,266,495	3,894,683	9,596,204	3,314,647	4,090,550	20,896,084	147,162,579
Passengers carried	"	6,527,843	1,374,739	7,902,582	159,798	701,255	210,828	179,804	1,251,685	9,154,267
Cargo carried	lb.	172,664,307	32,551,564	205,215,871	11,403,963	56,564,363	47,527,308	18,188,213	133,683,847	338,899,718
Goods carried	"	217,638,225	38,256,336	255,894,561	14,590,187	60,226,901	48,639,205	19,097,013	142,553,306	398,447,867
Passenger-miles	No.	6,018,296,547	2,211,362,635	8,229,659,182	60,495,771	395,484,160	77,277,222	72,280,825	605,537,978	8,835,197,160
Goods ton-miles	"	186,652,652	50,693,252	237,345,904	2,999,636	19,935,537	13,353,596	4,877,287	41,166,056	278,511,960
Non-revenue operations										
Hours flown	"	5,853	3,046	8,899	1,602	1,871	469	1,070	5,012	13,911
Passengers carried .....	"	..	..	..	..	..	..	..	..	..
Goods carried	lb.	..	..	..	..	..	..	..	..	..
Passenger-miles	No.	..	..	..	..	..	..	..	..	..
Goods ton-miles .....	"	..	..	..	..	..	..	..	..	..
Selected expense items:										
Turbo fuel:										
Quantity	gal.	277,271,652	95,505,782	372,777,434	3,549,067	15,277,146	6,478,435	2,573,732	27,878,380	400,655,814
Cost	\$	41,693,763	15,478,925	57,172,688	763,421	3,170,428	1,360,472	585,097	5,879,418	63,052,106
Gasoline:										
Quantity	gal.	—	648,628	648,628	1,496,435	3,942,765	320,319	2,091,341	7,850,860	8,499,488
Cost	\$	—	188,252	188,252	512,851	1,494,595	105,605	842,528	2,955,579	3,143,831
Oil consumed:										
Turbo aircraft:										
Quantity	gal.	36,897	9,838	46,735	846	6,257	18,629	3,900	29,632	76,367
Cost	\$	343,703	100,925	444,628	13,528	81,341	65,206	4,974	165,049	609,677
Other aircraft:										
Quantity	gal.	—	5,630	5,630	22,777	39,636	21,817	24,776	109,006	114,636
Cost	\$	—	6,443	6,443	27,621	49,545	17,453	29,956	124,575	131,018
Average number of employees:										
Pilots and co-pilots	No.	1,134	370	1,504	70	163	58	67	358	1,862
Other flight personnel	"	1,679	515	2,194	34	143	25	44	246	2,440
General management	"	102	128	230	21	146	63	20	250	480
Maintenance labour	"	3,361	766	4,127	223	272	116	121	732	4,859
Aircraft and traffic servicing	"	6,056	1,848	7,904	135	235	134	110	614	8,518
Other personnel	"	5,005	1,199	6,204	56	106	13	69	244	6,448
Totals	"	17,337	4,826	22,163	539	1,065	409	431	2,444	24,607
Salaries and wages paid:										
Pilots and co-pilots	\$	20,937,976	7,321,192	28,259,168	910,861	2,409,148	825,640	821,044	4,966,693	33,225,861
Other flight personnel	\$	11,497,869	4,028,294	15,526,163	146,452	599,395	142,838	263,257	1,151,942	16,678,105
General management	\$	3,047,563	1,783,727	4,831,290	299,470	1,054,721	557,212	298,808	2,210,211	7,041,501
Maintenance labour	\$	27,989,560	6,588,683	34,578,243	1,590,778	2,687,582	937,140	930,748	6,146,248	40,724,491
Aircraft and traffic servicing	\$	46,354,322	12,319,243	58,673,565	820,386	1,729,316	1,093,074	611,507	4,254,283	62,927,848
Other personnel	\$	43,758,971	7,448,831	51,207,802	307,786	573,724	160,754	362,889	1,405,153	52,612,955
Totals	\$	153,586,261	39,489,970	193,076,231	4,075,733	9,053,886	3,716,658	3,288,253	20,134,530	213,210,761

¹ Routes included in scheduled or non-scheduled services according to predominant type of service.² Breakdown not available.³ Standard passenger weight used 200 pounds.⁴ Not reported for aircraft of less than 18,000 lb. take-off weight.⁵ "All services" excludes "Specialty flying services," except for number of hours flown.

TABLE 6. Interline Traffic,¹ Canadian Scheduled Carriers — All Services, by Company, 1969

Revenue operations		Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total
Passengers carried:								
Originated	No.	5,416,565	967,729	106,316	608,148	205,976	160,376	7,465,110
Domestic interline	"	918,384	126,571	32,779	—	—	—	1,198,342
Foreign interline	"	—	120,608	—	—	—	—	—
Totals ²	"	6,334,949	1,214,908	139,095	608,148	205,976	160,376	8,663,452
Express carried:								
Originated	lb.	17,782,995	2,028,728	182,710	1,102,255	—	463,959	21,560,647
Domestic interline	"	—	—	—	—	—	—	—
Foreign interline	"	—	—	—	—	—	—	—
Totals ²	lb.	17,782,995	2,028,728	182,710	1,102,255	—	463,959	21,560,647
Freight carried:								
Originated	lb.	163,603,818	23,376,946	8,228,591	10,208,486	4,256,257	2,831,101	212,505,199
Domestic interline	"	—	388,685	—	—	—	—	388,685
Foreign interline	"	—	1,524,229	—	—	—	—	1,524,229
Totals ²	"	163,603,818	25,289,860	8,228,591	10,208,486	4,256,257	2,831,101	214,418,113
Excess baggage carried:								
Originated	"	..	362,675	266,940	551,457	433,618	—	1,614,690 ³
Domestic interline	"	..	—	—	—	—	—	—
Foreign interline	"	..	—	—	—	—	—	—
Totals ²	lb.	..	362,675	266,940	551,457	433,618	—	1,614,690
Mail carried:								
Originated	"	48,973,918	4,968,113	2,905,098	3,111,081	678,279	513,138	61,149,627
Domestic interline	"	—	—	—	—	—	—	—
Foreign interline	"	—	—	—	—	—	—	—
Totals ²	lb.	48,973,918	4,968,113	2,905,098	3,111,081	678,279	513,138	61,149,627

¹ Includes only scheduled and non-scheduled services designated as mainline by Air Transport Board.² Excludes division interline.³ Excludes Air Canada.

TABLE 7. Operating Statistics, Canadian International Carriers — All Revenue Services, by Area of Service, 1969

Revenue operations		Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Group I carriers								
Unit toll services:								
Departures	No.	27,755	10,718	10,659	2,080	51,212	..	..
Hours flown	"	41,941	50,793	30,079	11,492	134,305	205,918	340,223
Miles scheduled	"	13,438,548	24,423,127	12,915,476	5,413,495	56,190,646	64,514,786	120,705,432
Miles flown:								
Scheduled:	"	13,093,613	23,813,414	12,814,258	5,378,483	55,099,768	63,197,171	118,296,939
Regular	"	258,556	347,605	444,202	252,433	1,302,796	2,425,199	3,727,995
Extra sections	"	—	—	—	—	—	—	—
Non-scheduled	"	—	—	—	—	—	—	—
Totals	No.	13,352,169	24,161,019	13,258,460	5,630,916	56,402,564	65,622,370	122,024,934
Ratio of regular miles flown to miles scheduled		97.4	97.5	99.2	99.4	98.1	98.0	98.0
Passengers carried	No.	..	..	..	..	2,401,759	5,346,563	7,748,322
Cargo carried	lb.	..	..	..	..	91,726,764	109,788,523	201,515,287
Mail carried	"	..	..	..	..	7,801,488	42,512,780	50,314,268
Passenger-miles	No.	736,754,784	1,630,870,742	913,503,177	470,023,789	3,751,152,492	3,969,792,249	7,720,944,741
Available seat-miles on scheduled services	"	1,443,262,554	3,348,875,261	1,719,886,836	976,822,192	7,488,846,843	6,521,620,738	14,010,467,581
Passenger load factor on scheduled services..		51.0	48.7	53.1	48.1	50.1	65.2	55.1
Goods ton-miles:								
Express	No.	567,209	—	—	—	567,209	8,051,495	8,618,704
Freight	lb.	10,353,388	78,676,507	16,177,071	13,607,898	118,814,864	71,695,066	190,509,930
Excess baggage	"	602	192,720	237,972	200,892	632,186	24,566	656,752
Mail	"	740,576	4,081,842	2,053,742	3,568,343	10,444,503	21,477,112	31,921,615
Totals	"	11,661,775	82,951,069	18,468,785	17,377,133	130,458,762	101,248,239	231,707,001
Available ton-miles on scheduled services		201,893,299	547,250,770	246,630,284	145,044,934	1,140,819,287	1,008,047,870	2,148,867,157
Weight load factor on scheduled services ¹		42.3	45.0	44.5	44.4	44.3	49.4	46.7
Group I to IV carriers								
Bulk services:								
Departures	No.	4,892	2,483	525	212	8,112	..	..
Hours flown	"	7,503	14,076	1,415	1,154	24,148	..	..
Miles flown	"	1,835,217	6,981,103	606,907	603,634	10,026,861	..	..
Passengers carried	"	45,924	249,092	23,273	22,276	340,565	..	..
Goods carried	lb.	694,746	3,875,343	387,807	—	4,957,896	..	..
Passenger miles ²	No.	78,295,877	1,005,868,306	49,494,650	65,836,281	1,199,495,114	..	..
Goods ton-miles ²	"	235,675	25,859,515	552,419	—	26,647,609	..	..
Total services								
Departures	"	32,647	13,201	11,184	2,292	59,324	..	..
Hours flown	"	49,444	64,869	31,494	12,646	158,453	..	..
Miles flown	"	15,187,386	31,142,122	13,865,367	6,234,550	66,429,425	..	..
Passengers carried	"	..	..	..	..	2,742,324	..	..
Goods carried	lb.	..	..	..	..	104,486,148	..	..
Passenger-miles ²	No.	815,050,661	2,636,739,048	962,997,827	535,860,070	4,950,647,606	..	..
Goods ton-miles ²	"	11,897,450	108,810,584	19,021,204	17,377,133	157,106,371	..	..

¹ Standard passenger weight used: 200 pounds.² Excludes charter aircraft not having a maximum authorized take-off weight in excess of 18,000 pounds.

TABLE 8. Operating Statistics, Foreign Carriers, by Area of Service, 1969

Revenue operations	United States			Europe		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
All services						
Passengers carried:						
Unit toll	No.					
Bulk	"					
Totals	"					
Freight, express and excess baggage:						
Unit toll	lb.					
Bulk	"					
Totals	"					
Mail carried (unit toll)	"					
All other areas			Total - all areas			
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll	No.					
Bulk	"					
Totals	"					
Freight, express and excess baggage:						
Unit toll	lb.					
Bulk	"					
Totals	"					
Mail carried (unit toll)	"					

TABLE 9. Statistical Summary of Group V Carriers, 1969

Operations	1969	Statement of income	1969
Number of reporting carriers	304	Number of reporting carriers	264
Revenue operations		dollars	
Unit toll and bulk services:		Operating revenues:	
Hours flown	No. 120,418	Unit toll and bulk transportation	7,799,190
Passengers carried	" 231,361	Specialty flying services	6,832,979
Goods carried	lb. 22,176,644	Total flying services	14,632,169
Specialty flying services:		Non-flying services	5,233,706
Hours flown - Types of activity:		Total	19,865,875
Flying training	No. 204,738	Operating expenses:	
Recreational flying	" 32,179	Flying operations	8,989,896
Aerial photography and survey ¹	" 3,200	Maintenance	3,118,450
Aerial inspection, reconnaissance and advertising ²	" 14,792	General services and administration	5,937,284
Aerial application and distribution ³	" 7,693	Depreciation	2,176,428
Aerial control	" 1,188	Total	20,222,058
Aerial construction	" 35	Operating income (loss)	Dr. 356,183
Air ambulance and mercy service	" 30,184	Non-operating income - Net	897,516
Aircraft rental	" 2,090	Income before income taxes	541,333
Non-transportation charter	" 296,305	Provision for income taxes	174,765
Totals, specialty hours flown	" 416,723	Net income after income taxes	366,568
Total - All services:			
Hours flown	" 16,461		
Non-revenue operations			
Hours flown	" 16,461		

¹ Includes geophysical survey.² Includes aerial advertising.³ Includes aerial fish cultivation and aerial pest control.

Note: The number of carriers reporting operating data differs from the number reporting a statement of income.

TABLE 10. Balance Sheet, Canadian Carriers, by Revenue Group, Year Ended December 31, 1969

	Scheduled carriers			Non-scheduled carriers			Grand total
	Group I	Group II	Total	Group III	Group IV	Total	
	dollars						
Assets							
Current assets:							
Cash and special deposits	10,476,055	1,104,354	11,580,409	4,668,194	1,153,429	5,821,623	17,402,032
Notes and accounts receivable	66,603,126	12,287,732	78,890,858	11,777,222	6,103,520	17,880,742	96,771,600
Less: reserve for uncollectible accounts	1,209,437	232,359	1,441,796	424,103	443,244	867,347	2,309,143
Materials and supplies	26,679,013	3,824,227	30,503,240	4,555,128	3,151,777	7,706,905	38,210,145
Short term prepayments	2,048,566	1,446,154	3,494,720	2,974,952	899,764	3,874,716	7,369,436
Other current assets	4,804	12,563	17,367	1,193,501	1,380,181	2,573,682	2,591,049
Totals	104,602,127	18,442,671	123,044,798	24,744,894	12,245,427	36,990,321	160,035,119
Investments and special funds	18,937,548	9,169,341	28,106,889	1,686,868	2,286,678	3,973,546	32,080,435
Property and equipment:							
Operating	881,712,552	71,950,408	953,662,960	81,606,979	36,238,276	117,845,255	1,071,508,215
Less: accumulated depreciation	267,074,666	16,455,172	283,529,838	20,990,298	16,252,904	37,243,202	320,773,040
Non-operating	5,289,550	—	5,289,550	1,352,701	1,936,524	3,289,225	8,578,775
Less: accumulated depreciation	5,289,550	—	5,289,550	383,896	890,428	1,274,324	6,563,874
Totals	614,637,886	55,495,236	670,133,122	61,585,486	21,031,468	82,616,954	752,750,076
Deferred charges:							
Long term prepayments	13,082,015	2,454,784	15,536,799	38,423	110,844	149,267	15,686,066
Other deferred charges	—	4,225,337	4,225,337	2,724,353	663,763	3,388,116	7,613,453
Totals	13,082,015	6,680,121	19,762,136	2,762,776	774,607	3,537,383	23,299,519
Total assets	751,259,576	89,787,369	841,046,945	90,780,024	36,338,180	127,118,204	968,165,149
Liabilities							
Current liabilities:							
Notes and accounts payable	66,198,548	12,374,958	78,573,506	18,344,587	8,434,458	26,779,045	105,352,551
Current portion of long term debt	8,593,254	3,990,319	12,583,573	4,339,816	2,196,514	6,536,330	19,119,903
Accrued taxes	5,642,423	124,939	5,767,362	482,716	295,964	778,680	6,546,042
Other current and accrued liabilities	46,770,476	2,539,855	49,310,331	6,032,481	1,667,533	7,700,014	57,010,345
Totals	127,204,701	19,030,071	146,234,772	29,199,600	12,594,469	41,794,069	188,028,841
Non-current liabilities:							
Long term debt	100,242,149	55,003,832	155,245,981	30,216,012	9,383,877	39,599,889	194,845,870
Other non-current liabilities	437,348,226	534,336	437,882,562	2,197,704	1,888,891	4,086,595	441,969,157
Totals	537,590,375	55,538,168	593,128,543	32,413,716	11,272,768	43,686,484	636,815,027
Deferred credits	18,876,199	921,200	19,797,399	3,897,867	1,234,178	5,132,045	24,929,444
Reserves	8,512,841	2,264,396	10,777,237	2,256,256	1,844,189	4,100,445	14,877,682
Capital stock and surplus:							
Capital stock issued and outstanding:							
Preferred	9,750,000	5,569,975	15,319,975	3,082,000	3,599,242	6,681,242	22,001,217
Common	18,000,000	4,940,151	22,940,151	5,783,490	5,484,195	11,267,685	34,207,836
Other paid-in capital	—	—	—	3,478,911	492,144	3,971,055	3,971,055
Unappropriated surplus	31,325,460	1,523,408	32,848,868	10,668,184	Dr. 183,005	10,485,179	43,334,047
Totals	59,075,460	12,033,534	71,108,994	23,012,585	9,392,576	32,405,161	103,514,155
Total liabilities	151,259,576	89,787,369	841,046,945	90,780,024	36,338,180	127,118,204	968,165,149

TABLE 11. Balance Sheet, Canadian Scheduled Carriers, by Company, Year Ended December 31, 1969

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total
				dollars			
Assets							
Current assets:							
Cash	8,300,602	2,029,085	121,110	35,712	Dr. 247,270	61,471	10,300,710
Special deposits	146,368	—	652,423	429,333	51,575	—	1,279,699
Notes and accounts receivable:							
Governments	5,166,179	1,032,079	1,321,378	—	195,668	328,131	8,043,435
General traffic	35,407,273	11,364,215	1,839,509	5,054,710	1,270,275	616,798	55,552,780
Associated companies	1,530,652	—	—	—	444,720	21,378	1,996,750
Company personnel	260,127	46,240	55,748	168,123	—	46,393	576,631
Other	10,658,943	1,137,418	—	898,345	—	26,556	12,721,262
Totals	61,470,144	15,609,037	3,990,168	6,586,223	1,714,968	1,100,727	90,471,267
Less: reserve for uncollectible accounts	330,000	879,437	53,796	54,500	62,281	61,782	1,441,796
Materials and supplies	22,105,349	4,573,664	900,398	1,098,997	1,078,132	746,700	30,503,240
Short term prepayments	1,456,348	592,218	113,849	1,069,070	172,871	90,364	3,494,720
Other current assets	4,804	—	—	—	—	12,563	17,367
Totals	84,706,645	19,895,482	4,950,619	8,699,790	2,903,690	1,888,572	123,044,798
Investments and special funds:							
Investments in associated companies	8,431,180	—	4,653,734	—	4,226,763	82,185	17,393,862
Other investments	10,370,735	37,553	32,110	161,049	—	13,500	10,614,947
Special funds	—	98,080	—	—	—	—	98,080
Totals	18,801,915	135,633	4,685,844	161,049	4,226,763	95,685	28,106,889
Property and equipment:							
Operating	701,484,273	180,228,279	19,083,990	28,166,515	14,101,341	10,598,562	953,662,960
Less: accumulated depreciation	223,163,054	43,911,612	3,358,230	5,347,255	3,722,163	4,027,524	283,529,838
Non-operating	5,289,550	—	—	—	—	—	5,289,550
Less: accumulated depreciation	5,289,550	—	—	—	—	—	5,289,550
Totals	478,321,219	136,316,667	15,725,760	22,819,260	10,379,178	6,571,038	670,133,122
Deferred Charges:							
Long term prepayments	13,082,015	—	—	1,812,813	—	641,971	15,536,799
Developmental and pre-operating costs	—	—	259,059	1,955,814	—	186,734	2,401,607
Unamortized discount and expense on debt	—	—	102,420	191,686	—	—	294,106
Property acquisition adjustment	—	—	—	—	—	—	—
Other intangibles	—	—	—	—	—	—	—
Other deferred charges	—	—	—	1,323,224	206,400	—	1,529,624
Totals	13,082,015	—	361,479	5,283,537	206,400	828,705	19,762,136
Total assets	594,911,794	156,347,782	25,723,702	36,963,636	17,716,031	9,384,000	841,046,945
Liabilities							
Current liabilities:							
Notes and accounts payable:							
Current notes payable	—	—	822,915	314,587	600,000	885,000	2,622,502
Accounts payable — General	16,303,588	4,364,144	2,055,451	3,331,294	1,543,381	1,426,871	29,024,729
Collections as agents:							
Traffic	17,689,319	5,753,621	—	1,303,422	31,877	48,013	24,826,252
Other	5,106,499	1,688,084	—	—	—	—	6,794,583
Associated companies	5,163,465	10,129,828	—	—	—	12,147	15,305,440
Current portion of long term debt	—	8,593,254	1,556,774	1,901,101	—	532,444	12,583,573
Totals	44,262,871	30,528,931	4,435,140	6,850,404	2,175,258	2,904,475	91,157,079
Accrued salaries and wages	14,921,793	4,002,582	—	256,023	248,435	164,720	19,593,553
Accrued taxes	5,627,852	14,571	—	50,000	Dr. 14,707	89,646	5,767,362
Dividends payable	200,000	—	—	—	111,566	—	311,566
Air travel plan liability	1,941,425	—	—	—	—	—	1,941,425
Air travel plan liability	11,745,239	7,006,961	167,464	520,446	—	73,354	19,513,464
Unearned transportation revenue	—	6,952,476	—	934,247	—	63,600	7,950,323
Other current liabilities	—	—	—	—	—	—	—
Totals	78,699,180	48,505,521	4,602,604	8,611,120	2,520,552	3,295,795	146,234,772
Non-current liabilities:							
Long term debt	89,782,690	10,459,458	16,979,574	19,190,251	14,497,377	4,336,630	155,245,981
Advances from associated companies	377,819,500	59,528,726	33,013	—	411,275	90,048	437,882,562
Pension liability	—	—	—	—	—	—	—
Other non-current liability	—	—	—	—	—	—	—
Totals	467,602,190	69,988,185	17,012,587	19,190,251	14,908,652	4,426,678	593,128,543
Deferred credits:							
Unamortized premium on debt	—	—	—	—	—	—	—
Other deferred credits	15,885,000	2,991,199	—	921,200	—	—	19,797,399
Totals	15,885,000	2,991,199	—	921,200	—	—	19,797,399
Reserves:							
Reserve for major overhauls	—	—	702,987	1,262,754	298,655	—	2,264,396
Reserve for self-insurance	—	—	—	—	—	—	—
Other reserves	—	8,512,841	—	—	—	—	8,512,841
Totals	—	8,512,841	702,987	1,262,754	298,655	—	10,777,237
Capital stock and surplus:							
Capital stock issued and outstanding:							
Preferred	—	9,750,000	3,263,800	1,058,950	1,047,225	200,000	15,319,975
Common	5,000,000	13,000,000	998	1,977,626	1,500,000	1,461,527	22,940,151
Capital stock subscribed and unissued	—	—	—	—	—	—	—
Other paid in capital	—	—	—	—	—	—	—
Unappropriated surplus	27,725,424	3,600,036	140,726	3,941,735	Dr. 2,559,053	—	32,848,868
Totals	32,725,424	26,350,036	3,405,524	6,978,311	Dr. 11,828	1,661,527	71,108,994
Total liabilities	594,911,794	156,347,782	25,723,702	36,963,636	17,716,031	9,384,000	841,046,945

TABLE 12. Operating Expense Analysis, Canadian Scheduled Carriers — All Services, Year Ended December 31, 1969

No.	Expenses	Functional classification			
		Flying operations	Maintenance		
			Direct maintenance flight equipment	Direct maintenance ground property and equipment	Maintenance burden
		dollars			
	Salaries, wages and personnel expenses:				
1	Management	—	—	—	1,646,895
2	Pilots and co-pilots	—	—	—	—
3	Other flight personnel	41,527,467	—	—	—
4	Maintenance labour	—	19,765,412	1,822,241	3,091,725
5	Aircraft and traffic handling	—	—	—	—
6	Trainees, instructors, unallocated shop labour	—	—	—	11,161,058
7	Communications	—	—	—	327,381
8	Other personnel	—	—	—	15,669,160
9	Personnel expenses	—	—	—	788,100
10	Totals	41,527,467	19,765,412	1,822,241	32,684,319
	Materials and supplies:				
11	Aircraft fuels and oils	67,146,581	—	—	—
12	Maintenance materials and supplies	—	15,411,206	1,157,165	865,813
13	Shop and servicing supplies	—	—	—	1,799,126
14	Stationery, printing and office supplies	—	—	—	688,151
15	Passenger food expense	—	—	—	—
16	Other supplies	—	—	—	297,214
17	Inventory adjustments	—	—	—	Dr. 91,800
18	Totals	67,146,581	15,411,206	1,157,165	3,538,504
	Other expenses:				
19	Communications purchased	—	—	—	263,967
20	Light, heat, power and water	—	—	—	677,408
21	Traffic commissions	—	—	—	—
22	Professional and technical fees and expenses	—	—	—	18,642
23	Other services — Associated companies	—	—	—	40
24	Total repairs and other services — Outside	—	7,927,693	2,107,170	2,064,747
25	Rentals	6,078,144	—	—	528,873
26	Landing fees — Canadian	19,164,517	—	—	—
27	Foreign		—	—	—
28	Insurance — P.L., P.D. and traffic liabilities	—	—	—	334,522
29	Employee welfare	—	—	—	4,007,492
30	Injuries, loss and damage	—	—	—	15,587
31	Advertising and publicity	—	—	—	—
32	Interrupted trip expense	—	—	—	—
33	Uncollectible accounts	—	—	—	—
34	Taxes, other than income and payroll	—	—	—	—
35	Other expenses	7,805,547	—	—	603,894
36	Overhaul provisions — Airframes	—	507,375	—	—
37	Aircraft engines	—	3,417,913	—	—
38	Totals	33,048,208	11,852,981	2,107,170	8,515,172
	Depreciation and amortization:				
39	Amortization	—	—	—	—
40	Depreciation — Flight equipment	—	—	—	—
41	Maintenance equipment and hangars	—	—	—	—
42	General ground property	—	—	—	—
43	Grand totals	141,722,256	47,029,599	5,086,576	44,737,995

TABLE 12. Operating Expense Analysis, Canadian Scheduled Carriers — All Services, Year Ended December 31, 1969

Functional classification										No.
Passenger servicing	Aircraft and traffic servicing			Promotions and sales		General administration	Depreciation and amortization	Grand total		
	Aircraft servicing	Traffic servicing	Servicing administration	Reservations and sales	Advertising and publicity					
dollars										
187,253	908,550	35,962	738,979	1,055,455	134,983	2,197,687	—	6,905,764	1	
—	—	—	—	—	—	—	—	—	2	
14,788,510	—	—	—	—	—	—	—	56,315,977	3	
218,577	—	—	—	—	—	—	—	24,897,955	4	
—	21,437,190	18,335,636	4,297,183	20,543,209	—	—	—	64,613,218	5	
406,543	720,386	63,118	425,507	567,706	—	70,848	—	13,415,166	6	
—	508,981	17,806	809,573	428,035	—	126,409	—	2,218,185	7	
2,657,086	1,164,856	1,832,271	2,092,250	9,925,219	1,224,352	12,245,621	—	46,810,815	8	
4,795,996	550,860	510,528	697,604	3,762,456	250,222	621,041	—	11,976,807	9	
23,053,965	25,290,823	20,795,321	9,061,096	36,282,080	1,609,557	15,261,606	—	227,153,887	10	
—	—	—	—	—	—	—	—	67,146,581	11	
—	—	—	—	—	—	—	—	17,434,184	12	
—	406,787	—	—	6,931	—	—	—	2,212,844	13	
75,631	283,867	655,090	632,109	1,690,662	238,734	1,532,751	—	5,776,995	14	
22,177,897	—	—	—	—	—	—	—	22,177,897	15	
5,670,661	586,342	90,332	73,804	68,253	21,521	54,210	—	6,862,337	16	
4,100	—	—	—	—	—	—	Dr.	95,900	17	
27,920,089	1,276,996	745,422	705,913	1,765,846	260,255	1,586,961	—	121,514,938	18	
24,491	931,247	897,615	1,779,037	6,406,919	62,340	409,249	—	10,774,865	19	
626	62,809	105,180	260,477	212,478	2,511	87,812	—	1,409,301	20	
—	—	—	—	19,513,774	—	—	—	19,513,774	21	
962	93,069	1,090	9,831	389,546	32,960	1,168,874	—	1,714,974	22	
1,011	1,940	3,042,812	—	83,216	83,850	626,161	—	3,839,030	23	
461,739	4,628,019	4,994,548	2,110,446	843,639	94,491	771,089	—	26,003,581	24	
203,861	880,657	2,768,371	1,422,696	4,086,234	113,169	2,421,662	—	18,503,667	25	
—	—	—	—	—	—	—	—	19,164,517	26	
—	—	—	—	—	—	—	—	—	27	
4,833,459	12,924	56,776	2,987	16,228	20	412,442	—	5,669,358	28	
1,160,038	1,837,561	1,404,999	617,944	2,582,195	102,867	2,107,771	—	13,820,867	29	
1,526	87,064	445,341	26,537	8,296	—	Dr. 257,775	—	326,576	30	
2,243,294	—	—	—	204,257	17,568,966	—	—	20,016,517	31	
—	—	—	—	—	—	—	—	—	32	
—	—	—	—	—	—	1,088,759	—	1,088,759	33	
—	—	—	—	—	—	2,969,042	—	2,969,042	34	
598,099	400,979	1,491,204	269,226	896,537	104,106	761,951	—	12,931,543	35	
—	—	—	—	—	—	—	—	507,375	36	
—	—	—	—	—	—	—	—	3,417,913	37	
9,529,106	8,936,269	15,207,936	6,499,181	35,243,319	18,165,280	12,567,037	—	161,671,659	38	
—	—	—	—	—	—	—	721,113	721,113	39	
—	—	—	—	—	—	—	50,145,589	50,145,589	40	
—	—	—	—	—	—	—	2,986,416	2,986,416	41	
—	—	—	—	—	—	—	5,081,877	5,081,877	42	
60,503,160	35,504,088	36,748,679	16,266,190	73,291,245	20,035,092	29,415,604	58,934,995	569,275,479	43	

TABLE 13. Operating Expense Analysis, Canadian Group III Carriers, Year Ended December 31, 1969

Expenses	Functional classification						Grand total
	Flying operations	Maintenance			General services and administration	Depreciation and amortization	
		Direct maintenance flight equipment	Direct maintenance ground property and equipment	Maintenance burden			
dollars							
Salaries, wages and personnel expenses:							
General management	—	—	—	363,117	2,290,151	—	2,653,268
Pilots and co-pilots	9,024,545	—	—	—	—	—	9,024,545
Other flight personnel	—	—	65,636	—	207,297	—	272,933
Maintenance labour	—	3,888,365	427,456	534,395	75,354	—	4,925,570
Aircraft and traffic handling	—	—	—	—	1,298,569	—	1,298,569
Trainees, instructors and unallocated shop labour	—	—	23,237	219,264	120,798	—	363,299
Communications	—	—	—	20,670	219,732	—	240,402
Other personnel	—	—	—	395,744	1,422,983	—	1,818,727
Personnel expenses	—	—	911	241,064	685,404	—	927,379
Totals	9,024,545	3,888,365	517,240	1,774,254	6,320,288	—	21,524,692
Materials and supplies:							
Aircraft fuels and oils	8,307,779	—	—	—	—	—	8,307,779
Maintenance materials and supplies	—	3,228,908	631,883	255,386	68,124	—	4,184,301
Shop and servicing supplies	—	—	26,928	253,271	643	—	280,842
Stationery, printing and office supplies	—	—	—	26,299	386,681	—	412,980
Passenger food expense	—	—	—	—	851,796	—	851,796
Other supplies	—	—	32,301	37,357	101,973	—	171,631
Inventory adjustments	—	—	—	8,564	942	—	9,506
Totals	8,307,779	3,228,908	691,112	580,877	1,410,159	—	14,218,835
Other expenses:							
Communications purchased	—	—	—	120,366	606,641	—	727,007
Light, heat, power and water	—	—	26,004	111,305	161,884	—	299,193
Traffic commissions	—	—	—	80	318,763	—	318,843
Professional and technical fees and expenses	—	—	40	6,378	623,528	—	629,946
Other services—Associated companies	—	—	—	—	236,131	—	236,131
Total repairs and other services—Outside	—	4,533,971	88,623	235,648	828,162	—	5,686,404
Rentals	3,407,885	—	100,166	244,339	458,052	—	4,210,442
Landing fees—Canadian	786,641	—	—	—	—	—	786,641
Foreign	—	—	—	—	—	—	—
Insurance—P.L., P.D. and traffic liability	—	—	299,049	201,920	310,870	—	811,839
Employee welfare	—	—	—	164,538	405,781	—	570,319
Injuries, loss and damage	—	—	—	90,084	16,374	—	106,458
Advertising and publicity	—	—	—	—	661,170	—	661,170
Interrupted trip expense	—	—	—	—	48,881	—	48,881
Uncollectible accounts	—	—	—	—	390,400	—	390,400
Taxes, other than income and payroll	—	—	—	2,484	201,838	—	204,322
Other expenses	6,041,105	—	58,232	178,389	655,170	—	6,932,896
Overhaul provisions—Airframes	—	196,710	—	—	—	—	196,710
Aircraft engines	—	1,378,491	—	—	—	—	1,378,491
Totals	10,235,631	6,109,172	572,114	1,355,531	5,923,645	—	24,196,093
Depreciation and amortization:							
Amortization	—	—	—	—	—	154,349	154,349
Depreciation—Flight equipment	—	—	—	—	—	5,322,243	5,322,243
Maintenance equipment and hangars	—	—	—	—	—	1,145,102	1,145,102
General ground property	—	—	—	—	—	491,490	491,490
Grand totals	27,567,955	13,226,445	1,780,466	3,710,662	13,654,092	7,113,184	67,052,804

TABLE 14. Operating Expense Analysis, Canadian Group IV Carriers, Year Ended December 31, 1969

Expenses	Functional classification					
	Flying operations	Maintenance		General services and administration	Depreciation and amortization	Grand total
		Flight equipment	Ground property and equipment			
	dollars					
Salaries, wages, and personnel expenses:						
General management	—	46,093	63,769	1,215,382	—	1,325,244
Flight personnel	5,013,633	—	—	162,679	—	5,176,312
Maintenance labour	—	2,364,669	569,530	—	—	2,934,199
Aircraft and traffic handling	—	—	—	316,688	—	316,688
Other personnel	—	32,238	31,539	654,240	—	718,017
Personnel expenses	347,731	61,393	28,093	351,845	—	789,062
Totals	5,361,364	2,504,393	692,931	2,700,834	—	11,259,522
Materials and supplies:						
Aircraft fuel and oil	3,139,028	—	—	—	—	3,139,028
Maintenance materials and supplies	—	2,136,731	274,590	—	—	2,411,321
Other supplies	135,781	76,633	93,457	295,547	—	601,418
Totals	3,274,809	2,213,364	368,047	295,547	—	6,151,767
Other expenses:						
Repairs and other services—Outside	—	1,248,567	148,114	339,614	—	1,736,295
Rentals	1,548,506	61,521	125,170	216,285	—	1,951,482
Insurance—P.L., P.D. and traffic liability	2,092,688	49,717	82,434	146,575	—	2,371,414
Other expenses	633,079	171,564	123,817	2,117,970	—	3,046,430
Depreciation—Flight equipment	—	—	—	—	3,288,529	3,288,529
Ground property and equipment	—	—	—	—	471,525	471,525
Totals	4,274,273	1,531,369	479,535	2,820,444	3,760,054	12,865,675
Grand totals	12,910,446	6,249,126	1,540,513	5,816,825	3,760,054	30,276,964

TABLE 15. Specialty Flying Services, Canadian Carriers — Group I to IV, by Type of Activity, 1969

Type of activity:	1969						Total 1968	
	Fixed-wing		Helicopters		Total 1969			
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$	No.	\$	No.	\$
Flying training	112,743	2,413,034	3,417	275,352	116,160	2,688,386	134,823	3,115,479
Recreational flying	16,717	420,262	913	88,047	17,630	508,309	18,000	526,086
Aerial photography and survey	14,524	1,632,917	1,489	268,287	16,013	1,901,204	17,347	2,100,750
Aerial photography (scenics)	2,841	120,701	64	7,081	2,905	127,782	1,064	68,054
Aerial inspection reconnaissance and advert- ising	23,769	2,124,489	13,371	1,974,127	37,140	4,098,616	33,996	4,314,089
Aerial application and distribution	5,339	1,002,414	807	172,939	6,146	1,175,353	3,633	715,646
Aerial control	5,062	1,398,653	1,236	139,774	6,298	1,538,427	4,886	1,100,786
Aerial construction	—	—	28	5,792	28	5,792	281	78,624
Air ambulance and mercy service	45	4,717	25	2,358	70	7,075	87	10,423
Aircraft rental	21,520	412,073	405	27,251	21,925	439,324	24,796	578,485
Non-transportation charter	2,555	169,486	2,805	325,332	5,360	494,818	5,096	897,440
Totals	205,115	9,698,746	24,560	3,286,340	229,675	12,985,086	244,009	13,505,862

TABLE 16. Statistical Summary of Canadian Carriers Operating Helicopters, Group I to IV, 1969¹

	No.	1969			Total 1968
		Carriers operating helicopters only	Carriers operating helicopters and fixed-wing	Total	
Carriers reporting	No.	22	9	31	31
Helicopter — Owned	"	234	35	269	273
Leased	"	27	4	31	36
Totals	"	261	39	300	309
Revenue hours flown — Unit toll	"	—	—	—	1
Bulk	"	130,366	14,032	144,398	119,560
Specialty	"	16,191	8,369	24,560	29,389
Totals	"	146,557	22,401	168,958	148,950
Non-revenue hours flown	"	5,135	544	5,679	7,309
Fuel and oil consumed:					
Gasoline	gal.	2,976,005	412,064	3,388,069	3,078,481
Cost	\$	1,482,190	176,280	1,658,470	1,423,506
Oil	gal.	41,409	5,129	46,538	46,392
Cost	\$	89,548	19,897	109,445	86,594
Average number of employees:	No.				
Pilots	"	260	28	288	270
Administrative	"	123	1	124	129
Maintenance labour	"	253	19	272	271
Other personnel	"	27	—	27	24
Totals	"	663	48	711	694
Salaries and wages:	\$				
Pilots	"	3,042,338	286,417	3,328,755	2,930,774
Administrative	"	1,118,636	7,871	1,126,507	1,082,093
Maintenance labour	"	2,170,642	134,868	2,305,510	2,039,421
Other personnel	"	168,633	1,896	170,529	137,850
Totals	"	6,500,249	431,052	6,931,301	6,190,138

Balance sheet²

Assets		Liabilities	
Current assets:		Current liabilities:	
Cash	1,107,764	Notes and accounts payable	4,313,614
Accounts receivable	4,240,801	Current portion of long term debt	1,923,953
Less: reserve for uncollectible accounts	191,871	Accrued taxes	112,484
Materials and supplies	2,549,001	Other and accrued liabilities	1,400,053
Short term prepayments	770,968	Total	7,750,104
Other current assets	230,493	Non-current liabilities:	
Total	8,707,156	Long term debt	4,818,249
Investments	445,544	Other non-current liabilities	2,620,831
Property and equipment:		Total	7,439,080
Operating	25,479,191	Deferred credits	1,886,768
Less: accumulated depreciation	8,385,635	Reserves	908,979
Non-operating	197,707	Capital stock and surplus:	
Less: accumulated depreciation	39,384	Capital stock issued and outstanding:	
Deferred charges:		Preferred	1,294,310
Long term prepayments	12,549	Common	1,573,228
Other deferred charges	244,356	Other paid-in capital	239,874
Total	256,905	Unappropriated surplus	5,569,141
Total assets	26,661,484	Total	8,676,553
		Total liabilities	26,661,484

¹ Statement of income for carriers operating helicopters only available on request.² Carriers operating helicopters only.

TABLE 17. Property and Equipment and Accumulated Depreciation, Canadian Carriers, by Revenue Group,
Year Ended December 31, 1969

No.		Cost		
		Beginning of year	Additions	Retirements
		dollars		
		Group I and II carriers		
	Operating property and equipment:			
1	Flight equipment	630,386,529	145,897,614	46,145,372
2	Ground equipment	53,501,426	4,677,611	2,989,288
3	Buildings and other improvements	55,679,578	28,723,091	5,589,922
4	Total flight and ground property and equipment	739,567,533	179,298,316	54,724,582
5	Land	20,468	—	—
6	Construction work in progress	62,534,160	24,774,792	10,000
7	Total operating property and equipment	802,122,161	204,073,108	54,734,582
8	Non-operating property and equipment	21,939,148	—	16,552,101
9	Totals	824,061,309	204,073,108	71,286,683
		Group III carriers		
	Operating property and equipment:			
10	Flight equipment	60,853,841	20,679,111	7,590,486
11	Ground equipment	3,783,886	796,950	195,281
12	Buildings and other improvements	7,170,058	2,104,280	2,799,011
13	Total flight and ground property and equipment	71,807,785	23,580,341	10,584,778
14	Land	604,195	111,497	151,936
15	Construction work in progress	358,125	161,931	337,559
16	Total operating property and equipment	72,770,105	23,853,769	11,074,273
17	Non-operating property and equipment	3,866,348	1,288,769	2,786,193
18	Totals	76,636,453	25,142,538	13,860,466
		Group IV carriers		
	Operating property and equipment:			
19	Flight equipment	25,243,222	5,807,699	3,467,584
20	Ground equipment	2,834,716	772,670	343,282
21	Building and other improvements	3,208,055	1,286,201	177,028
22	Total flight and ground property and equipment	31,285,993	7,866,570	3,987,894
23	Land	253,617	28,040	2,825
24	Construction work in progress	1,531,552	253,332	7,102
25	Total operating property and equipment	33,071,162	8,147,942	3,997,821
26	Non-operating property and equipment	1,313,465	265,532	19,869
27	Totals	34,384,627	8,413,474	4,017,690

TABLE 17. Property and Equipment and Accumulated Depreciation, Canadian Carriers, by Revenue Group, Year Ended December 31, 1969

Cost			Accumulated depreciation					No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year	End of year	
Debit	Credit			Debit	Credit			
dollars								
Group I and II carriers								
86,780,688	86,533,505	730,385,954	216,008,693	31,298,329	1,630,725	48,751,639	235,092,728	1
1,595	993	55,190,351	27,944,911	2,767,518	4,126	4,831,286	30,012,805	2
—	9,545	78,803,202	18,133,054	3,602,463	—	3,326,150	17,856,741	3
86,782,283	86,544,043	864,379,507	262,086,658	37,668,310	1,634,851	56,909,075	282,962,274	4
—	—	20,468	—	—	—	—	—	5
—	11,509	87,287,443	—	—	—	—	—	6
86,782,283	86,555,552	951,687,418	262,086,658	37,668,310	1,634,851	56,909,075	282,962,274	7
—	97,497	5,289,550	21,689,148	16,302,101	Dr. 97,497	—	5,289,550	8
86,782,283	86,653,049	956,976,968	283,775,806	53,970,411	1,537,354	56,909,075	288,251,824	9
Group III carriers								
1,068,216	550,074	74,460,608	16,997,268	3,658,135	482,662	5,163,003	18,984,798	10
37,121	7,818	4,414,858	2,016,803	139,100	66,567	491,763	2,436,033	11
100,509	3,747	6,572,089	1,795,518	37,865	779	271,842	2,030,274	12
1,205,846	561,639	85,447,555	20,809,589	3,835,100	550,008	5,926,608	23,451,105	13
—	3,649	560,107	198	—	—	100	298	14
—	98,776	83,721	—	—	—	—	—	15
1,205,846	664,064	86,091,383	20,809,787	3,835,100	550,008	5,926,708	23,451,403	16
—	—	2,368,924	13,103	—	—	—	13,103	17
1,205,846	664,064	88,460,307	20,822,890	3,835,100	550,008	5,926,708	23,464,506	18
Group IV carriers								
53,232	184,961	27,451,608	12,279,217	2,132,240	167,550	3,086,079	13,400,606	19
25,681	11,958	3,277,827	1,595,005	207,292	48,307	310,335	1,746,355	20
1,390,249	7,326	5,700,151	1,126,594	70,969	12,112	204,998	1,272,735	21
1,469,162	204,245	36,429,586	15,000,816	2,410,501	227,969	3,601,412	16,419,696	22
—	—	278,832	—	—	—	—	—	23
2,495	1,679,172	101,105	—	—	—	—	—	24
1,471,657	1,883,417	36,809,523	15,000,816	2,410,501	227,969	3,601,412	16,419,696	25
6,854	25,393	1,540,589	680,223	14,635	515	130,947	797,050	26
1,478,511	1,908,810	38,350,112	15,681,039	2,425,136	228,484	3,732,359	17,216,746	27

**TABLE 18. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1969**

No.		Cost		
		Beginning of year	Additions	Retirements
		dollars		
		Air Canada		
	Operating property and equipment:			
	Flight equipment:			
1	Airframes	359,568,481	78,511,776	30,365,573
2	Aircraft engines	75,680,969	—	—
3	Aircraft propellers	2,658,103	—	—
4	Aircraft communications and navigational equipment	7,664,373	—	—
5	Miscellaneous flight equipment	75,258	—	—
6	Flight equipment spare parts and assemblies	27,367,818	7,538,197	2,176,686
7	Total flight equipment	473,015,002	86,049,973	32,542,259
	Ground property and equipment:			
8	Ramp equipment	12,145,048	1,191,181	257,693
9	Communications and meteorological equipment	372,064	3,842	—
10	Maintenance and engineering equipment	9,305,193	886,164	1,080,245
11	Surface transport vehicles and equipment	491,881	39,596	49,388
12	Furniture, fixtures and office equipment	1,204,403	183,239	122,598
13	Miscellaneous ground equipment	18,005,194	288,631	149,401
14	Buildings and other improvements	48,986,368	5,077,909	2,763,856
15	Total ground property and equipment	90,510,151	7,093,300	4,423,181
16	Land	—	—	—
17	Construction work in progress	45,998,962	35,684,828	—
18	Total operating property and equipment	609,524,115	128,828,101	36,965,440
19	Non-operating property and equipment	21,939,148	—	16,552,101
20	Total property and equipment	631,463,263	128,828,101	53,517,541
		Canadian Pacific Air Lines Ltd.		
	Operating property and equipment:			
	Flight equipment:			
1	Airframes	100,991,594	21,147,237	5,302,035
2	Aircraft engines	12,495,021	3,417,155	1,085,173
3	Aircraft propellers	208,311	—	174,943
4	Aircraft communications and navigational equipment	743,901	192,016	217,895
5	Miscellaneous flight equipment	549,403	17,630	150,950
6	Flight equipment spare parts and assemblies	8,492,727	1,911,988	457,297
7	Total flight equipment	123,480,957	26,686,026	7,388,293
	Ground property and equipment:			
8	Ramp equipment	1,861,279	333,712	78,236
9	Communications and meteorological equipment	38,853	—	30,974
10	Maintenance and engineering equipment	2,448,321	577,675	101,259
11	Surface transport vehicles and equipment	209,785	37,876	29,079
12	Furniture, fixtures and office equipment	783,294	214,162	15,279
13	Miscellaneous ground equipment	3,917,095	635,829	1,033,664
14	Buildings and other improvements	4,401,129	21,910,220	2,741,072
15	Total ground property and equipment	13,659,756	23,709,474	4,029,563
16	Land	526	—	—
17	Construction work in progress	15,882,783	11,773,387	—
18	Total operating property and equipment	153,024,022	38,622,113	11,417,856
19	Non-operating property and equipment	—	—	—
20	Total property and equipment	153,024,022	38,622,113	11,417,856

**TABLE 18. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1969**

Cost			Accumulated depreciation							No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year		End of year		
Debit	Credit			Debit	Credit	Rate	Amount			
dollars										
Air Canada										
68,754,968	—	476,469,652	123,110,179	20,907,329	28,487,856	..	31,154,156	161,844,862	1	
—	75,680,969	—	30,468,949	—	Dr. 30,468,949	..	—	—	2	
—	2,658,103	—	2,420,041	—	Dr. 2,420,041	..	—	—	3	
—	7,664,373	—	3,395,901	—	Dr. 3,395,901	..	—	—	4	
—	75,258	—	43,788	—	Dr. 43,788	..	—	—	5	
17,421,232	—	50,150,561	12,031,775	1,631,147	7,938,320	..	3,144,475	21,483,423	6	
86,176,200	86,078,703	526,620,213	171,470,633	22,538,476	97,487	..	34,298,631	183,328,285	7	
—	—	13,078,536	5,934,911	177,346	—	..	1,086,492	6,844,057	8	
—	—	375,906	317,821	—	—	..	16,800	334,621	9	
—	—	9,111,112	6,235,137	1,019,998	—	..	738,318	5,953,457	10	
—	—	482,089	257,790	36,793	—	..	58,081	279,078	11	
—	—	1,265,044	565,545	116,793	—	..	95,260	544,012	12	
—	—	17,567,162	8,173,017	144,522	—	..	1,896,084	9,924,579	13	
—	—	51,300,421	15,498,354	2,189,951	—	..	2,646,562	15,954,965	14	
—	—	93,180,270	36,982,575	3,685,403	—	..	6,537,597	39,834,769	15	
—	—	—	—	—	—	—	—	—	16	
—	—	81,683,790	—	—	—	—	—	—	17	
86,176,200	86,078,703	701,484,273	208,453,208	26,223,879	97,497	—	40,836,228	223,163,054	18	
—	97,497	5,289,550	21,689,148	16,302,101	Dr. 97,497	—	—	5,289,550	19	
86,176,200	86,176,200	706,773,823	230,142,356	42,525,980	—	..	40,836,228	228,452,604	20	
Canadian Pacific Air Lines Ltd.										
—	—	116,836,796	27,260,251	5,090,877	854,835	8.5	8,960,124	31,984,333	21	
—	—	14,827,003	3,085,002	1,056,359	20,137	8.5	1,079,001	3,127,781	22	
—	—	33,368	197,854	167,660	—	8.5	—	30,194	23	
—	—	718,022	279,794	216,279	—	8.5	51,121	114,636	24	
—	—	416,083	291,227	150,950	—	8.5	31,049	171,326	25	
—	—	9,947,418	2,897,353	389,399	—	10.0	949,655	3,457,609	26	
—	—	142,778,690	34,011,481	7,071,524	874,972	..	11,070,950	38,885,879	27	
—	—	2,116,755	1,002,697	62,044	—	10.0	159,392	1,100,045	28	
—	—	7,879	38,853	30,974	—	—	—	7,879	29	
—	—	2,924,737	1,533,709	101,036	—	10.0	162,709	1,595,382	30	
—	—	218,582	133,203	27,190	—	25.0	33,752	139,765	31	
—	—	982,177	512,567	8,803	—	10.0	46,620	550,384	32	
—	—	3,519,260	1,557,351	1,033,458	—	10.0	290,259	814,152	33	
—	—	23,570,277	1,662,990	1,369,308	—	..	524,444	818,126	34	
—	—	33,339,667	6,441,370	2,632,813	—	...	1,217,176	5,025,733	35	
—	—	526	—	—	—	—	—	—	36	
—	—	4,109,396	—	—	—	—	—	—	37	
—	—	180,228,279	40,452,851	9,704,337	874,972	—	12,288,126	43,911,612	38	
—	—	—	—	—	—	—	—	—	39	
—	—	180,228,279	40,452,851	9,704,337	874,972	—	12,288,126	43,911,612	40	

**TABLE 18. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1969 — Continued**

No.		Cost		
		Beginning of year	Additions	Retirements
		dollars		
		Eastern Provincial Airways (1963) Ltd.		
	Operating property and equipment:			
	Flight equipment:			
1	Airframes	3,205,887	8,007,941	30,000
2	Aircraft engines	1,173,110	2,931,836	28,823
3	Aircraft propellers	193,936	11,310	1,745
4	Aircraft communications and navigational equipment	471,170	464,275	2,475
5	Miscellaneous flight equipment	15,377	5,722	—
6	Flight equipment spare parts and assemblies	828,253	361,640	46,263
7	Total flight equipment	5,887,733	11,782,724	109,306
	Ground property and equipment:			
8	Ramp equipment	198,031	39,194	141
9	Communications and meteorological equipment	63,657	—	—
10	Maintenance and engineering equipment	124,491	31,474	1,959
11	Surface transport vehicles and equipment	6,433	298	675
12	Furniture, fixtures and office equipment	138,905	12,605	2,229
13	Miscellaneous ground equipment	53,666	265	—
14	Buildings and other improvements	863,725	29,916	36,670
15	Total ground property and equipment	1,448,908	113,752	41,674
16	Land	1,853	—	—
17	Construction work in progress	—	—	—
18	Total operating property and equipment	7,338,494	11,896,476	150,980
19	Non-operating property and equipment	—	—	—
20	Total property and equipment	7,338,494	11,896,476	150,980
		Pacific Western Airlines Ltd.		
	Operating property and equipment:			
	Flight equipment:			
21	Airframes	8,131,692	7,069,843	3,297,227
22	Aircraft engines	3,652,826	2,649,626	1,217,753
23	Aircraft propellers	576,086	174,279	240,660
24	Aircraft communications and navigational equipment	608,426	1,169,722	299,812
25	Miscellaneous flight equipment	86,037	49,464	—
26	Flight equipment spare parts and assemblies	2,160,936	1,183,960	209,294
27	Total flight equipment	15,216,003	12,296,894	5,264,746
	Ground property and equipment:			
28	Ramp equipment	—	—	—
29	Communications and meteorological equipment	145,204	19,226	—
30	Maintenance and engineering equipment	395,891	165,715	98
31	Surface transport vehicles and equipment	95,953	31,536	1,181
32	Furniture, fixtures and office equipment	214,567	139,600	951
33	Miscellaneous ground equipment	352,126	130,027	34,159
34	Buildings and other improvements	593,196	219,340	31,860
35	Total ground property and equipment	1,796,937	705,444	68,249
36	Land	1,525	—	—
37	Construction work in progress	652,415	863,351	10,000
38	Total operating property and equipment	17,666,880	13,865,689	5,342,995
39	Non-operating property and equipment	—	—	—
40	Total property and equipment	17,666,880	13,865,689	5,342,995

**TABLE 18. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1969 — Continued**

Cost		Accumulated depreciation							No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year		End of year	
Debit	Credit			Debit	Credit	Rate	Amount		
dollars									
Eastern Provincial Airways (1963) Ltd.									
—	—	11,183,828	1,414,554	23,868	—	..	382,247	1,772,933	1
21,993	—	4,098,116	221,821	2,608	—	..	61,397	280,610	2
—	—	203,501	34,844	102	—	..	7,714	42,456	3
3,002	96	935,876	188,070	1,420	—	..	50,542	237,192	4
—	—	21,099	3,319	—	—	..	2,128	5,447	5
27,982	53,484	1,118,128	296,334	18,084	—	..	95,947	374,197	6
52,977	53,580	17,560,548	2,158,942	46,082	—	—	599,975	2,712,835	7
602	939	236,747	78,318	1,926	292	..	29,368	106,052	8
—	—	63,657	46,642	—	12	..	6,220	52,874	9
993	—	154,999	80,447	1,676	66	..	14,501	93,338	10
—	—	6,056	4,150	507	—	..	573	4,216	11
—	54	149,227	90,250	782	1,570	..	18,392	109,430	12
—	—	53,931	44,815	5	—	..	2,413	47,223	13
—	—	856,971	192,936	8,226	—	..	47,552	232,262	14
1,595	993	1,521,588	537,558	13,122	1,940	—	119,019	645,395	15
—	—	1,853	—	—	—	—	—	—	16
—	—	—	—	—	—	—	—	—	17
54,572	54,573	19,083,989	2,696,500	59,204	1,940	—	718,994	3,358,230	18
—	—	—	—	—	—	—	—	—	19
54,572	54,573	19,083,989	2,696,500	59,204	1,940	—	718,994	3,358,230	20
Pacific Western Airlines Ltd.									
—	1,222	11,903,086	1,976,008	574,176	—	..	724,950	2,126,782	21
2,594	—	5,087,293	577,327	206,774	—	..	358,097	728,650	22
—	—	509,705	76,771	46,301	—	..	36,578	67,048	23
6,849	—	1,485,185	218,194	99,725	—	..	68,696	187,165	24
—	—	135,501	49,496	1,806	—	..	9,688	57,378	25
4,687	—	3,140,289	602,116	179,814	—	—	194,508	616,810	26
14,130	1,222	22,261,059	3,499,912	1,108,596	—	—	1,392,517	3,783,833	27
—	—	—	—	—	—	—	—	—	28
—	—	164,430	125,057	—	—	10	4,956	130,013	29
—	—	561,508	195,952	—	2,186	10	32,206	230,344	30
—	—	126,308	69,941	1,181	—	20	11,465	80,255	31
—	—	353,216	145,863	691	—	10	13,663	158,835	32
—	—	447,994	113,852	1,793	—	10	29,482	141,541	33
—	—	780,676	232,224	17,390	—	5-10	40,066	254,900	34
—	—	2,434,132	882,889	21,055	2,186	—	131,838	995,858	35
—	—	1,525	—	—	—	—	—	—	36
—	11,509	1,494,257	—	—	—	—	—	—	37
14,130	12,731	26,190,973	4,382,801	1,129,651	2,186	—	1,524,355	4,779,691	38
—	—	—	—	—	—	—	—	—	39
14,130	12,731	26,190,973	4,382,801	1,129,651	2,186	—	1,524,355	4,779,691	40

**TABLE 18. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1969 — Concluded**

No.		Cost		
		Beginning of year	Additions	Retirements
		dollars		
		Quebecair		
	Operating property and equipment:			
	Flight equipment:			
1	Airframes	4,545,645	6,308,508	388,975
2	Aircraft engines	75,241	714,356	—
3	Aircraft propellers	—	—	—
4	Aircraft communications and navigational equipment	45,025	134,304	—
5	Miscellaneous flight equipment	23,585	33,298	—
6	Flight equipment spare parts and assemblies	—	501,699	—
7	Total flight equipment	4,689,496	7,692,165	388,975
	Ground property equipment:			
8	Ramp equipment	32,003	55,438	—
9	Communications and meteorological equipment	15,105	8,655	—
10	Maintenance and engineering equipment	111,581	100,137	—
11	Surface transport vehicles and equipment	6,665	—	—
12	Furniture, fixtures and office equipment	164,612	21,038	—
13	Miscellaneous ground equipment	28,135	81,401	79
14	Buildings and other improvements	—	1,483,964	—
15	Total ground property and equipment	358,101	1,750,633	79
16	Land	—	—	—
17	Construction work in progress	—	—	—
18	Total operating property and equipment	5,047,597	9,442,798	389,054
19	Non-operating property and equipment	—	—	—
20	Total property and equipment	5,047,597	9,442,798	389,054
		Transair Ltd.		
	Operating property and equipment:			
	Flight equipment:			
21	Airframes	5,078,454	235,486	15,595
22	Aircraft engines	2,033,636	496,464	436,198
23	Aircraft propellers	203,952	25,000	—
24	Aircraft communications and navigational equipment	146,300	92,833	—
25	Miscellaneous flight equipment	99,085	2,915	—
26	Flight equipment, spare parts and assemblies	535,911	537,134	—
27	Total flight equipment	8,097,338	1,389,832	451,793
	Ground property and equipment:			
28	Ramp equipment	—	—	—
29	Communications and meteorological equipment	72,859	1,326	—
30	Maintenance and engineering equipment	259,601	13,232	—
31	Surface transport vehicles and equipment	91,132	—	—
32	Furniture, fixtures and office equipment	117,358	8,850	—
33	Miscellaneous ground equipment	31,041	2,949	—
34	Buildings and other improvements	835,160	1,742	16,464
35	Total ground property and equipment	1,407,151	28,099	16,464
36	Land	16,564	—	—
37	Construction work in progress	—	—	—
38	Total operating property and equipment	9,521,053	1,417,931	468,257
39	Non-operating property and equipment	—	—	—
40	Total property and equipment	9,521,053	1,417,931	468,257

**TABLE 18. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1969 — Concluded**

Cost			Accumulated depreciation							No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year		End of year		
Debit	Credit			Debit	Credit	Rate	Amount			
dollars			dollars							
Quebecair										
—	—	10,465,178	3,177,058	—	—	10	69,149	3,246,207	1	
—	—	789,597	10,756	—	—	10	41,683	52,439	2	
—	—	—	—	—	—	—	—	—	3	
—	—	179,329	10,515	—	—	10	17,933	28,448	4	
—	—	56,883	17,653	—	—	10	5,189	22,842	5	
—	—	501,699	—	—	—	—	23,691	23,691	6	
—	—	11,992,686	3,215,982	—	—	—	157,645	3,373,627	7	
—	—	—	—	—	—	—	—	—	—	
—	—	87,441	18,826	—	—	10	6,690	25,516	8	
—	—	23,760	4,857	—	—	10	2,376	7,233	9	
—	—	211,718	89,735	—	—	10	16,439	106,174	10	
—	—	6,665	1,000	—	—	15	996	1,996	11	
—	—	185,650	124,930	—	—	10	12,444	137,374	12	
—	—	109,457	20,926	—	—	10	9,528	30,454	13	
—	—	1,483,964	—	—	—	—	39,789	39,789	14	
—	—	2,108,655	260,274	—	—	—	88,262	348,536	15	
—	—	—	—	—	—	—	—	—	16	
—	—	—	—	—	—	—	—	—	17	
—	—	14,101,341	3,476,256	—	—	—	245,907	3,722,163	18	
—	—	—	—	—	—	—	—	—	19	
—	—	14,101,341	3,476,256	—	—	—	245,907	3,722,163	20	
Transair Ltd.										
27,186	—	5,325,531	1,275,443	6,199	—	..	526,853	1,796,097	21	
510,195	150,000	2,454,097	153,421	527,452	647,847	..	616,480	890,296	22	
—	—	228,952	—	—	—	..	—	—	23	
—	—	239,133	132,304	—	4,334	..	34,757	171,395	24	
—	—	102,000	90,575	—	—	..	4,570	95,145	25	
—	250,000	823,045	—	—	6,075	..	49,261	55,336	26	
537,381	400,000	9,172,758	1,651,743	533,651	658,256	—	1,231,921	3,008,269	27	
—	—	—	—	—	—	..	—	—	28	
—	—	74,185	66,229	—	—	25	1,989	68,218	29	
—	—	272,833	177,443	—	—	20	19,079	196,522	30	
—	—	91,132	80,252	—	—	30	3,264	83,516	31	
—	—	126,208	92,805	—	—	20	6,681	99,486	32	
—	—	33,990	10,020	—	—	20	4,794	14,814	33	
—	9,545	810,893	546,550	17,588	—	10	27,737	556,699	34	
—	9,545	1,409,241	973,299	17,588	—	—	63,544	1,019,255	35	
—	—	16,564	—	—	—	—	—	—	36	
—	—	—	—	—	—	—	—	—	37	
537,381	409,545	10,598,563	2,625,042	551,239	658,256	—	1,295,465	4,027,524	38	
—	—	—	—	—	—	—	—	—	39	
537,381	409,545	10,598,563	2,625,042	551,239	658,256	—	1,295,465	4,027,524	40	

TABLE 19. Inventory of Commercial Aircraft¹ in Canada, as at January 15, 1970

Total owned and leased

	Fixed-wing aircraft	Helicopters	Total aircraft
Wt. Group A	295	1	296
Wt. Group B	1,191	29	1,220
Wt. Group C	993	313	1,306
Total all groups	2,479	343	2,822

¹ Aircraft with a valid certificate of airworthiness.

Note: Wt. Group A over 18,000 lb. take-off weight.

Wt. Group B Fixed-wing Aircraft—2,501—18,000 lb. Helicopters 3,501—18,000 lb.

Wt. Group C Fixed-wing Aircraft under 2,501 lb. Helicopters under 3,501 lbs.

TABLE 20. Personnel and Airport Licenses In Force and Aircraft Registered as of December 31, 1968 and 1969¹

Personnel	In force December 31, 1969	In force December 31, 1968	Aircraft registered	Total December 31, 1969	Total December 31, 1968
	number			number	
Pilots:			Commercial	3,069	2,840
Glider	1,342	1,175	Private	6,919	6,392
Private	23,756	23,621	State	200	200
Commercial	4,631	5,004	Commercial (restricted)	90	90
Senior commercial	696	550	Ultra light	440	399
Airline transport	2,664	2,342	Experimental	17	20
Totals	33,089	32,692	Private (restricted)	37	32
			Totals	10,772	9,973
Air navigators	217	193			
Air traffic controllers	931	924	Airports	In force December 31, 1969	In force December 31, 1968
Flight engineers	91	112			
Aircraft maintenance engineers	3,001	2,811	Number of airports	790	753

¹ As reported by Civil Aviation Branch, Department of Transport.

CIVIL AVIATION DEFINITIONS

Bulk transportation	(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4). (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Cargo, Air	Air freight and air express (excluding mail and excess baggage).
Carrier, Air	One authorized to operate aircraft in or over Canada for hire or reward.
Carrier, non-scheduled	Carriers not operating any scheduled (Class 1 or Class 8) service.
Carrier, scheduled	Carriers serving designated points in accordance with a service schedule and at a toll per unit.
Express, Air	A package service operated only within the U.S.A. and Canada; the rates cover door-to-door service. Because Air Express shipments take priority over Air Freight they command higher rates.
Freight, Air	Property carried at published tariff rates per unit of measure or weight.
Goods, revenue	Air cargo (freight and express) plus mail and excess baggage.
Group I carriers	Canadian Air Carriers licensed to perform both domestic and international scheduled services, (Air Canada and Canadian Pacific Air Lines Ltd.).
Group II carriers	Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd. (For statistical purposes Nordair is included in Group III).
Group III carriers	Canadian Air Carriers, licensed to perform non-scheduled services, with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
Group IV carriers	Canadian Air Carriers, licensed to perform non-scheduled services, with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
Group V carriers	Canadian Air Carriers, licensed to perform non-scheduled services, with gross annual flying revenues of less than \$100,000.
Interline traffic:	
Divisional interline	Passengers and goods received from other operating divisions of the same carrier.
Domestic interline	Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
Foreign interline	Passengers and goods received by a carrier from Foreign Air Carriers.
International Services:	
Pacific and Orient Services	Services between Canada and points in the Pacific Ocean, Orient and Australasia.
Southern Services	Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
Trans-Atlantic and Polar Services	Services between Canada and Europe.
Trans-border Services	Services between Canada and the United States except Hawaii.
Load capacity available	Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.
Miles	Statute miles of 5,280 ft.
Passenger	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.
Non-revenue passenger	A person (including company personnel other than crew) carried on a revenue transportation flight for whom no fare is collected.
Revenue passenger	A child or adult for whom a fare or part of a fare is paid.
Passenger load-factor	Ratio of revenue passenger-miles performed to available seat-miles.
Passenger-mile	The transportation of one passenger one mile.
Seat-miles available	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.
Specialty Flying Services	Non-transportation flying services such as flying training, aerial photography, and aerial inspection.
Tons	Short tons of 2,000 lbs.
Ton-miles	The transportation of one ton of goods one mile or any combination of weight in pounds and number of miles flown the product of which is 2,000.
Ton-miles available	Available load capacity multiplied by miles flown on each inter-station flight.
Unit toll transportation	Public transportation of passengers and goods at a toll per unit. It includes: (i) scheduled services between designated points in accordance with a schedule (Class I); and (ii) non-scheduled services either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
Weight load factor	Ratio of revenue ton-miles performed to available ton-miles.

Reports published by the
Transportation and Public Utilities Division
dealing with

AVIATION

**Catalogue
number**

Periodical

- 51 - 001 Transcontinental and Regional Air Carrier Operations, M., Bil.
- 51 - 002 Air Carrier Operations in Canada, Q., Bil.
- 51 - 003 International Air Charter Statistics, Q., Bil.
- 51 - 004 Service Bulletin — Aviation Statistics Centre, Bil.

Annual

- 51 - 202 Civil Aviation, E.
- 51 - 203 Airport Activity Statistics, Bil.
- 51 - 204 Air Passenger Origin and Destination — Domestic Report, Bil.
- 51 - 205 Air Passenger Origin and Destination — Canada - United States Report, Bil.
- 51 - 206 Air Carrier Financial Statements, Bil.

Note: Beginning with January 1970 monthly publication a change was made in the format and contents of publications. Prior to 1970, statistics were published monthly and annually in the series entitled Civil Aviation:

Civil Aviation
(Monthly) Catalogue No. 51 - 001 D.B.S.

Civil Aviation Preliminary Annual
(Annually) Catalogue No. 51 - 201 D.B.S.

For brief summaries of airline activity in advance of the monthly and quarterly publications see the Aviation Statistics Centre Service Bulletin.

M. — Monthly

Q. — Quarterly

E. — English

Bil. — Bilingual

In addition to the selected publications listed above, the Dominion Bureau of Statistics publishes a wide range of statistical reports on Canadian economic and social affairs. A comprehensive catalogue of all current publications is available free on request from the Dominion Bureau of Statistics, Ottawa 3.

Government
Publications

Government
Publications

